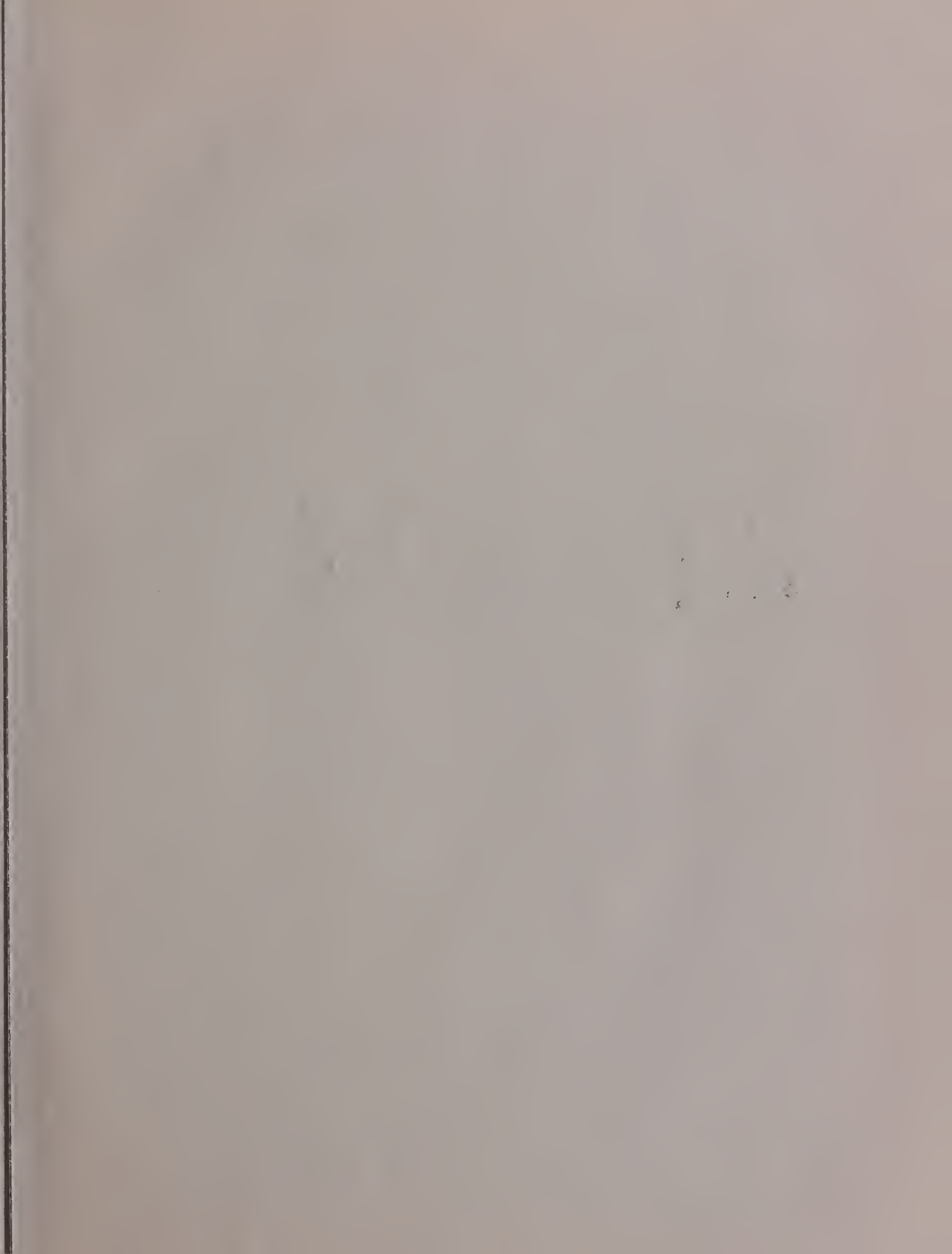
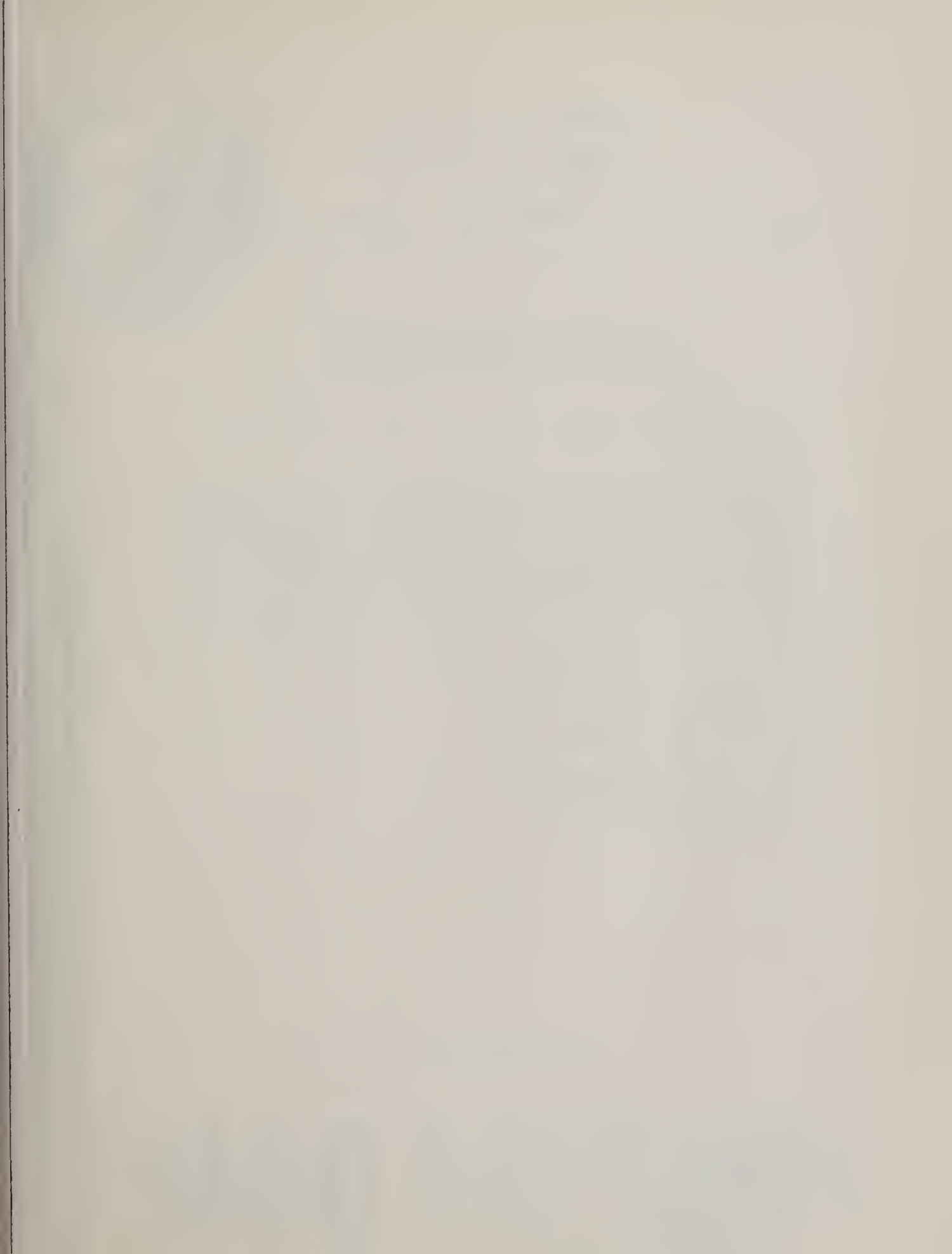


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State of California  
The Resources Agency  
Department of Water Resources

BULLETIN No. 130-73

HYDROLOGIC DATA: 1973

Volume V: SOUTHERN CALIFORNIA

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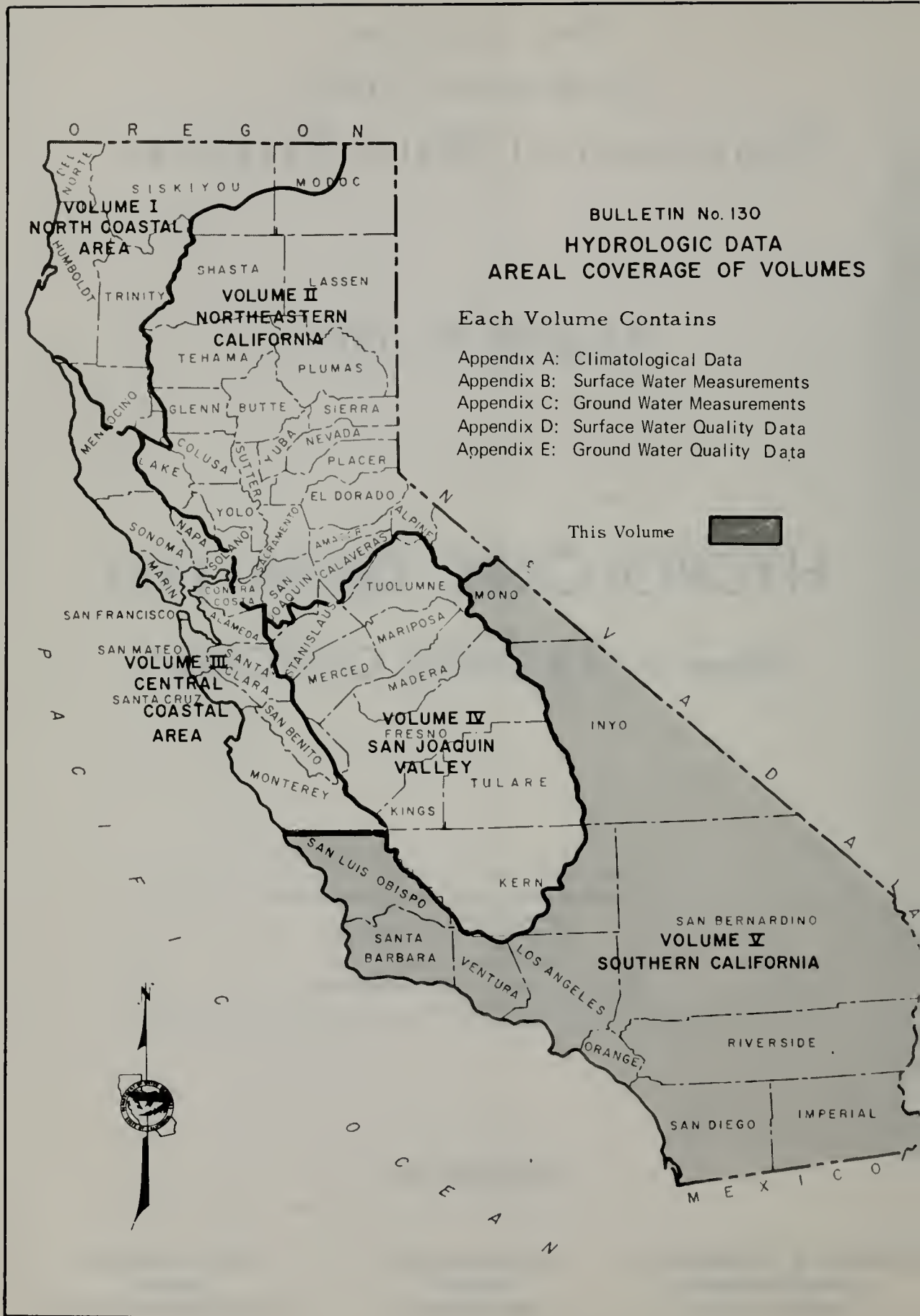
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*Director*  
Department of Water Resources



**BULLETIN No. 130  
HYDROLOGIC DATA  
AREAL COVERAGE OF VOLUMES**

Each Volume Contains

- Appendix A: Climatological Data
- Appendix B: Surface Water Measurements
- Appendix C: Ground Water Measurements
- Appendix D: Surface Water Quality Data
- Appendix E: Ground Water Quality Data

This Volume

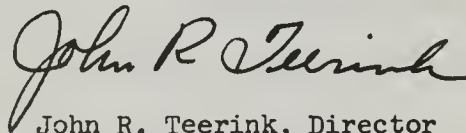


## FOREWORD

The hydrologic data programs of the Department of Water Resources supplement the data collection activities of other agencies and help satisfy the needs for data on the quality and quantity of the State's water resources. The data presented in Bulletin No. 130-73 represent the continuing efforts of the Department to compile and publish comprehensive, accurate, timely and useful information on water quality and quantity of the State. Application of sound judgment with more complete knowledge of the factors affecting our environment is prerequisite to effective planning, design, construction, and operation of water conservation and treatment facilities.

The Bulletin No. 130 series is published annually in five volumes. Each Volume presents hydrologic data for one of five reporting areas of the State. These areas are delineated on the map to the left.

Volume V contains data for the 1972-73 water year in Southern California concerning: surface water flow, reservoir storage, ground water levels, ground water recharge, and surface and ground water quality. Figures show: representative precipitation characteristics, imported water, fluctuation of water level in wells, locations of hydrologic areas within drainage provinces, surface water quality sampling stations, and surface water measurement stations.



John R. Teerink, Director  
Department of Water Resources  
The Resources Agency  
State of California  
December 18, 1974

METRIC CONVERSION TABLE

<u>English Unit</u>		<u>Equivalent Metric Unit</u>
Inch (in.)	2.54	Centimeters
Foot (ft.)	0.3048	Meter
Mile (mi.)	1.609	Kilometers
Acre	0.405	Hectare
Square mile (sq. mi.)	2.590	Square kilometer
U. S. gallon (gal.)	3.785	Liters
Acre-foot (acre-ft.)	1,233.5	Cubic meters
U. S. gallon per minute (gpm)	0.0631	Liter per second
Cubic feet per second (cfs)	1.7	Cubic meters per minute
Degrees Fahrenheit ( $^{\circ}\text{F}$ )		Degrees Celsius or Degrees Centigrade ( $^{\circ}\text{C}$ ) = ( $^{\circ}\text{F} - 32^{\circ}$ ) $5/9$

WATER QUALITY CONVERSION TABLE

<u>Weight Per Weight</u>	<u>Equivalent Weight Per Volume</u>
Part per million (ppm)	Milligram per liter (mg/l)
Part per billion (ppb)	Microgram per liter (ug/l)
Part per trillion (ppt)	Nanogram per liter (ng/l)
Equivalent per million (epm)	Milliequivalent per liter (me/l)

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State of California  
The Resources Agency  
DEPARTMENT OF WATER RESOURCES

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Division of Resources Development  
Environmental Quality Branch  
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## ACKNOWLEDGMENTS

In the preparation of this report, valuable assistance and contributions were received from many public and private agencies. Special mention is made of the following agencies whose cooperation is gratefully acknowledged.

Babcock and Sons Laboratory  
California Department of Public Health, Division  
of Laboratories  
City of Anaheim Water Division  
City of Long Beach Health Department  
City of Long Beach Water Department  
City of Pasadena Water and Power Department  
City of San Diego Utilities Department  
Coachella Valley County Water District  
Federal Water Quality Administration  
Fruit Growers Laboratory, Santa Paula  
Imperial Irrigation District  
Los Angeles County Flood Control District  
Los Angeles County Health Department  
National Weather Service  
Orange County Air Pollution Control District  
Orange County Department of Agriculture  
Orange County Flood Control District  
Pomeroy, Johnston and Bailey, Civil and Chemical Engineers  
Riverside County Flood Control and Water Conservation  
District  
San Bernardino County Flood Control District  
San Bernardino Valley Water Conservation District  
San Diego County Department of Special District Services  
San Luis Obispo County Flood Control and Water Conservation  
District  
Santa Barbara County Flood Control and Water Conservation  
District  
The Metropolitan Water District of Southern California  
United States Army Corps of Engineers  
United States Geological Survey  
United Water Conservation District Ventura County  
University of California at Riverside  
Ventura County Flood Control District

Appendix A  
CLIMATOLOGICAL DATA





## APPENDIX A

### CLIMATOLOGICAL DATA

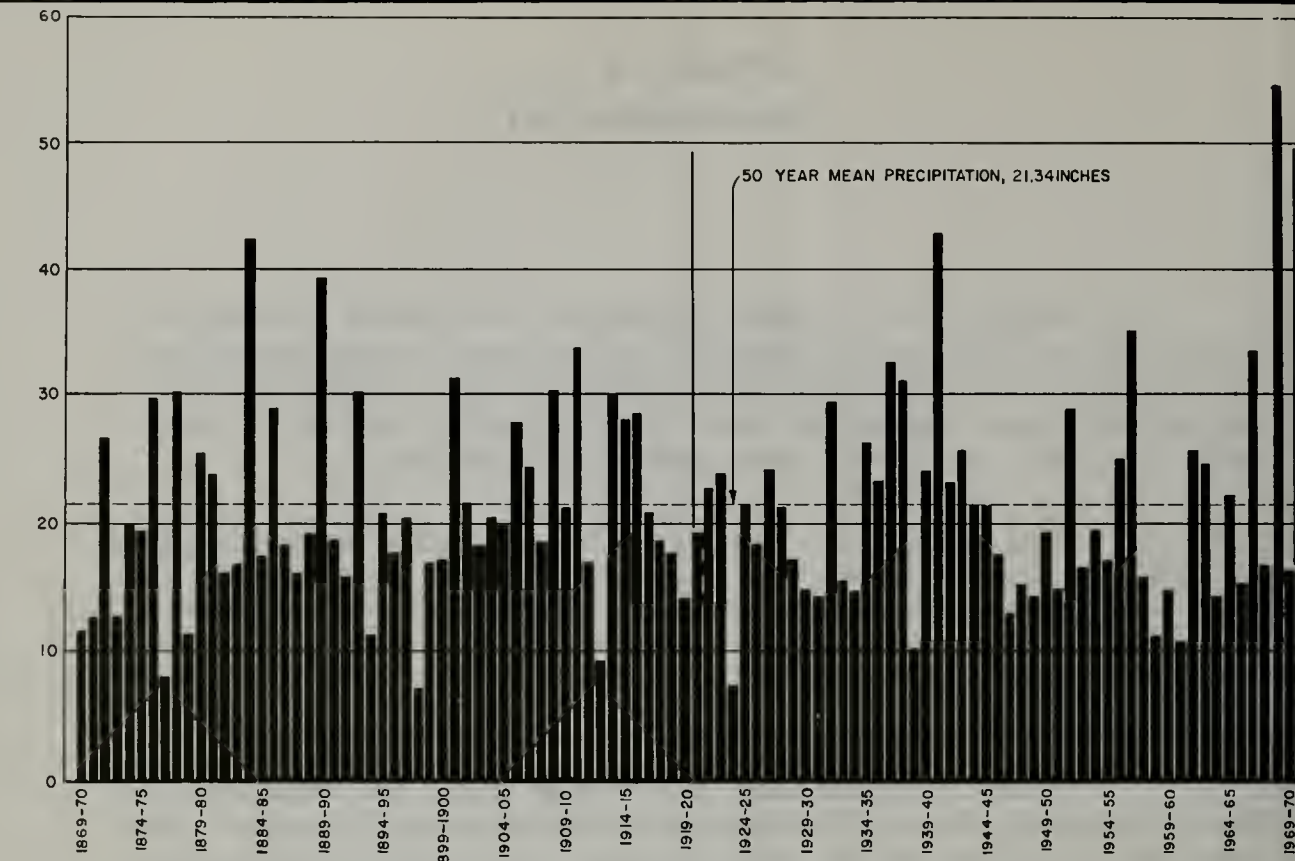
This appendix presents representative precipitation characteristics for four stations in Figures A-1 through A-4 and a summary of monthly rainfall only for the water year from October 1, 1972 to September 30, 1973. These monthly values are derived from more detailed daily values which are available on nearly all stations listed. About 350 of these stations have hourly data available also.

Each station in this appendix has been assigned an identification number. The first character denotes the drainage province. The second and third characters represent the hydrologic unit. (Figures C-1 through C-6, pages 51 through 61, in Appendix C show the locations and code numbers of the hydrologic subdivisions in each drainage province.) The remaining characters denote the numeric sequence of the station.

Monthly, daily, and hourly data for some stations are available in the files of the Southern District of the Department of Water Resources. In addition to the information in this appendix, the National Weather Service and other governmental agencies collect and publish climatological data. The data published in the following reports, together with this report, present a comprehensive picture of the climatic conditions in Southern California:

1. "Climatological Data - California"  
"Hourly Precipitation Data - California"  
"Storage Gage Precipitation Data for Western United States"  
United States Department of Commerce, National Weather Service,  
Environmental Data Service  
The above publications are available from:  
National Climatic Center, Federal Building, Ashville, NC 28801
2. "Bulletin No. 120, Water Conditions in California"  
California Department of Water Resources
3. "Biennial Report on Hydrologic Data"  
Los Angeles County Flood Control District
4. "Annual Hydrology Report"  
Orange County Flood Control District
5. "Biennial Report, Hydrologic and Climatic Data"  
San Bernardino County Flood Control District
6. "Hydrology Report"  
San Diego County Department of Sanitation and Flood Control

FIGURE A-1



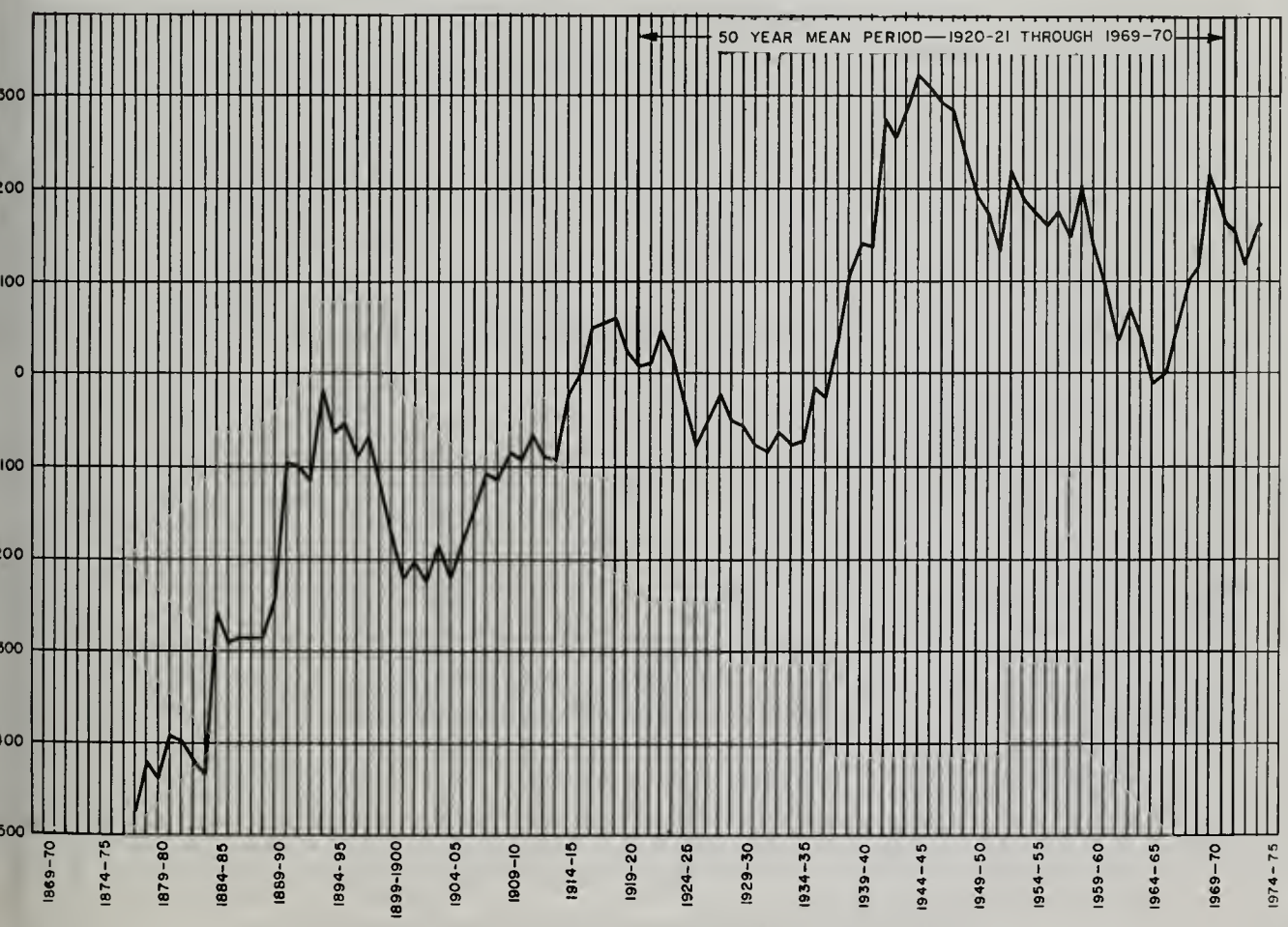
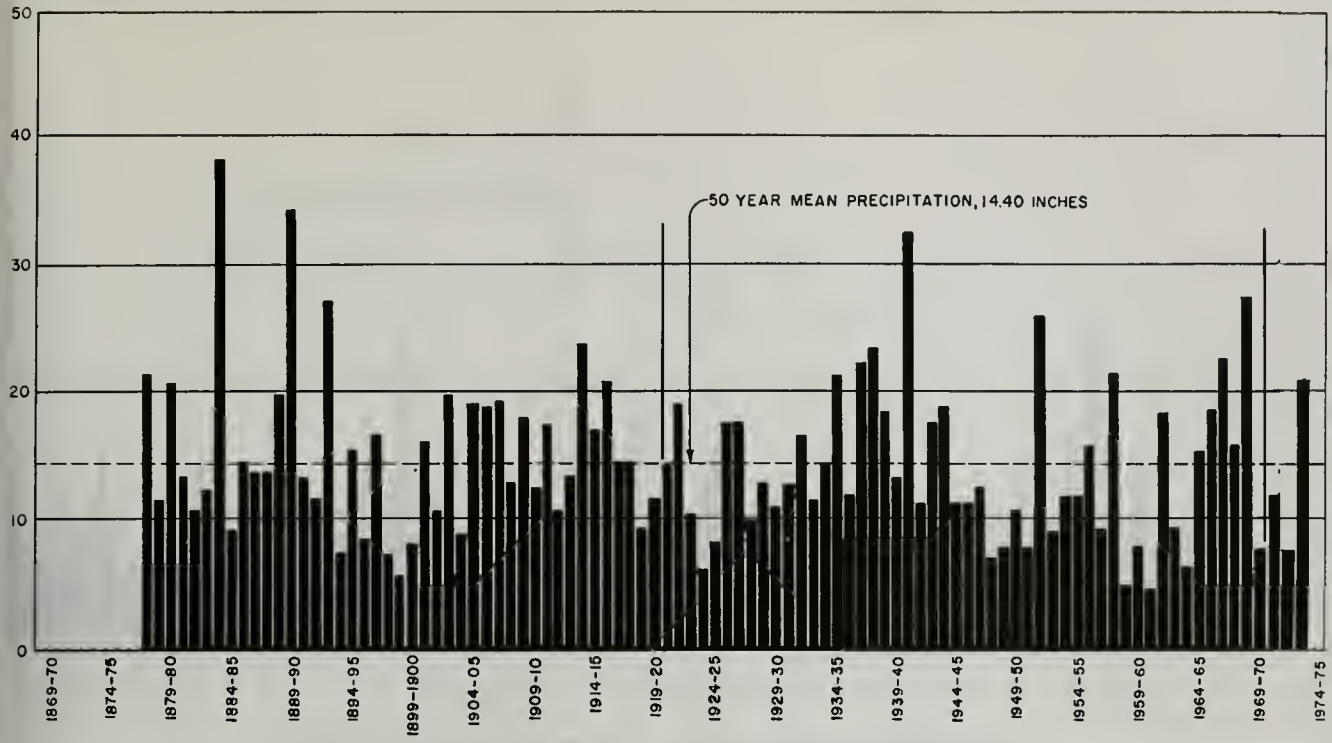
PRECIPITATION IN INCHES BY WATER YEAR (OCTOBER 1 - SEPTEMBER 30)



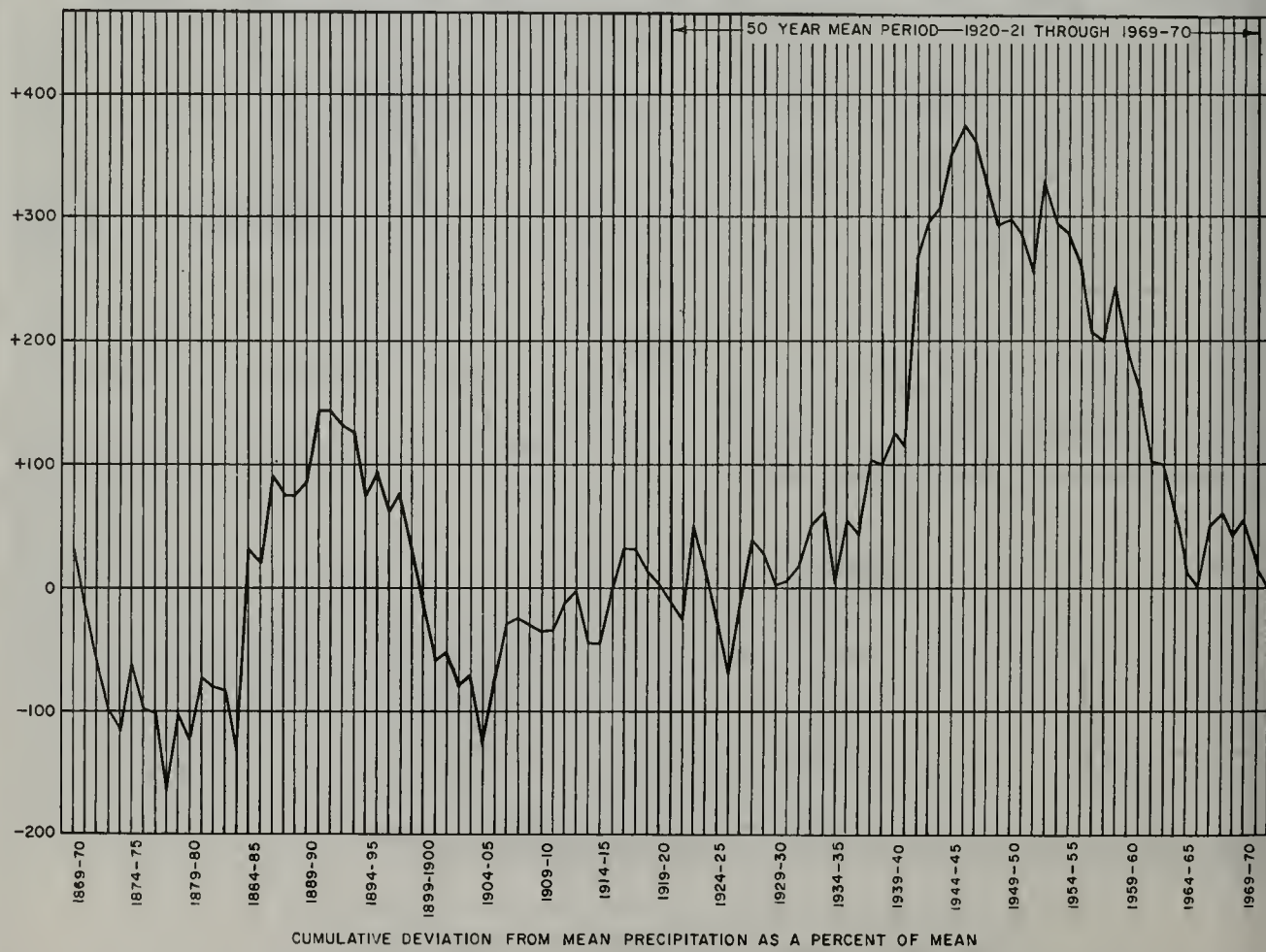
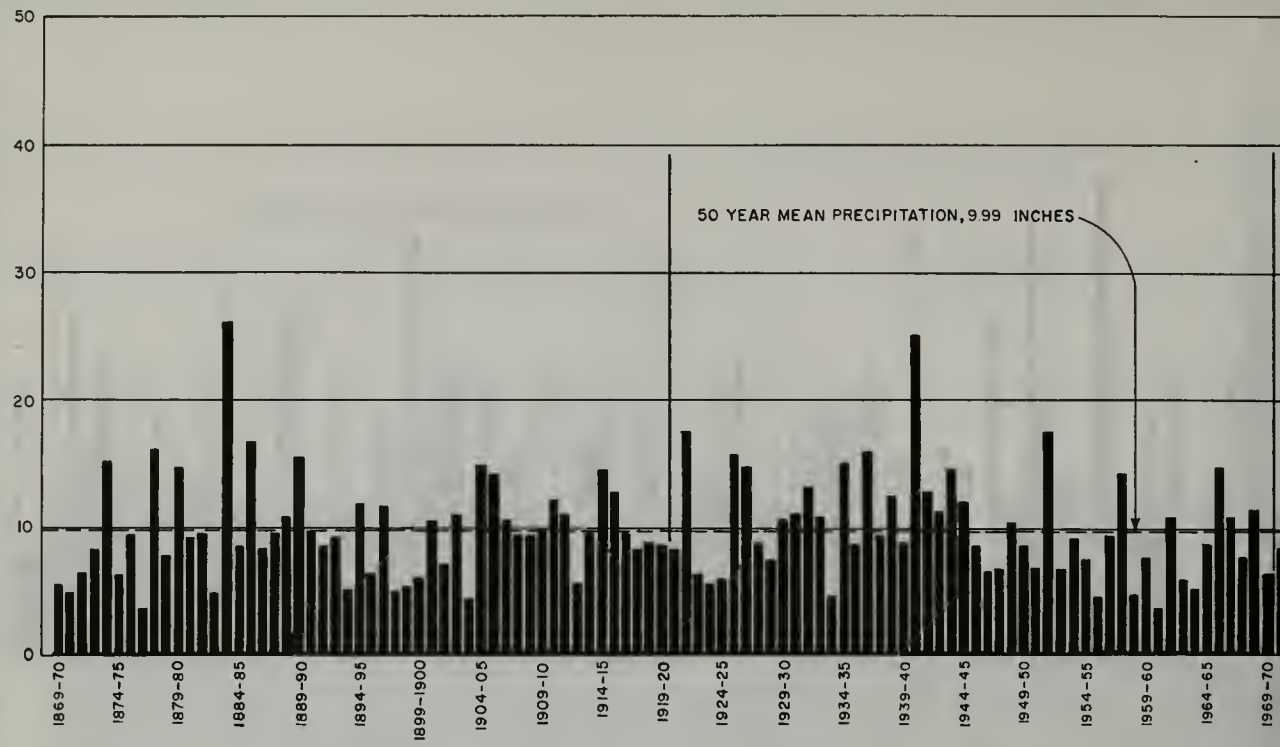
CUMULATIVE DEVIATION FROM MEAN PRECIPITATION AS A PERCENT OF MEAN

### REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR SAN LUIS OBISPO

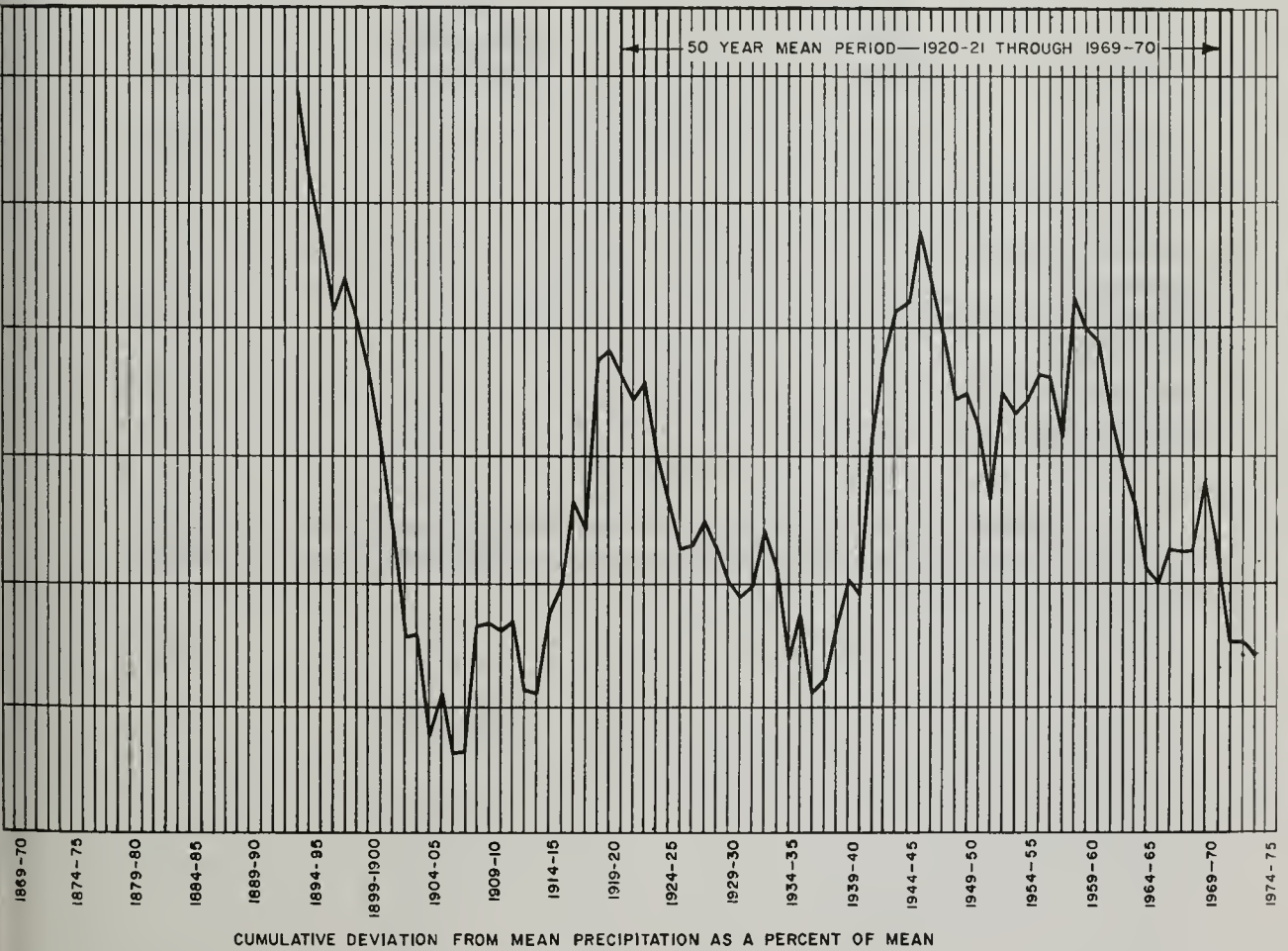
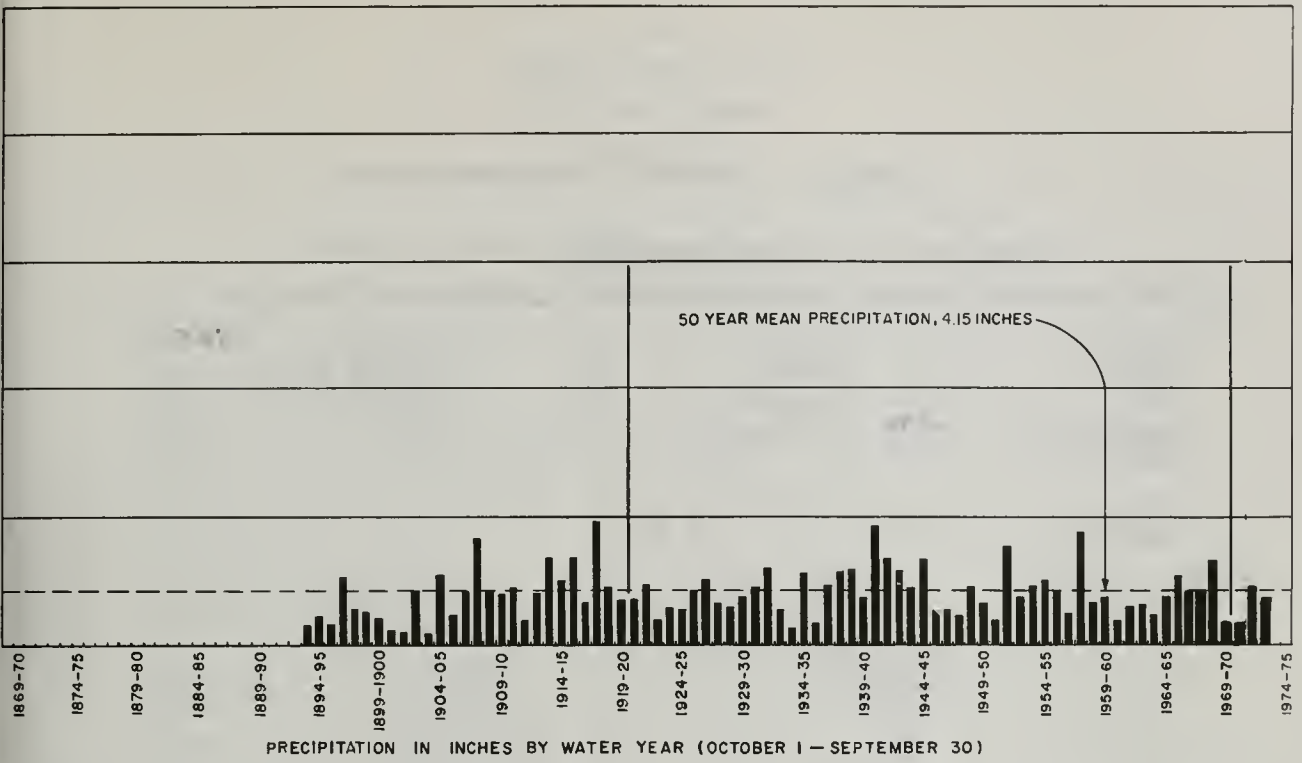




REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR LOS ANGELES



## REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR SAN DIEGO



# REPRESENTATIVE PRECIPITATION CHARACTERISTICS FOR BARSTOW

## TABLE A-1 MONTHLY PRECIPITATION

An explanation of the column headings and code symbols follows:

CO - This is a standard code for California counties and adjacent areas as shown below:

Imperial	13	Monterey	27	San Diego	909
Inyo	14	Orange	30	San Luis Obispo	40
Kern	15	Riverside	33	Santa Barbara	42
Los Angeles	1970	San Bernardino	36	Ventura	56
Mono	26				

Lat - Latitude

Long - Longitude

<u>Data Entry</u>	<u>Meaning</u>
.00-	Data Missing
.00T	Trace of Rain
.00N	Record Ends
.00B	Record Begins
7.42E	Estimated

For further information contact:

Mr. James D. Goodridge  
 Climatologist  
 Department of Water Resources  
 P. O. Box 388  
 Sacramento, CA 95802  
 Telephone Number: (916) 455-1993

Additional information on these and other stations as well as the County Code (CO) and station number can be found in Bulletin No. 165 "Climatological Stations in California 1971, Indexed by County".



TABLE A-1  
MONTHLY PRECIPITATION  
SOUTHERN CALIFORNIA

WATER YEAR 1972-73

CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	PRECIPITATION IN INCHES												
					TOTAL OCT. 1 THROUGH SEPT. 30	1972			1973								
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.
70 U03001400	34.491	118.274	2921	ACTON ESCONDI DO CANY	10.35	.46	1.20	.94	1.70	3.90	2.15	.04	.00	.00	0.00	0.00	0.00
70 U03001403	34.450	118.197	2550	ACTON CAMP 2	4.24	.08	.85	.42	2.26	3.92	1.71	.00	.00	.00	0.00	0.00	0.00
70 U03001404	34.422	118.197	3100	ACTON-COLOMBO RCH	14.98	.00	2.13	.42	2.89	6.20	3.34	.00	.00	.00	0.00	0.00	0.00
70 U03001405	34.513	118.236	3250	ACTON HURHARD RCH	10.74	.91	1.37	1.11	1.56	3.65	2.36	.08	.00	.00	0.00	0.00	0.00
76 W2002400	34.589	117.413	2845	ADELANTO	5.30	.36	.72	.27	.72	1.65	1.00	.00	.00	.00	0.00	0.00	0.00
90 X22004400	32.950	116.303	1400	AGUA CALIENTE SPRGS-CO	4.65	.89	.54	.19	.64	1.15	.76	.00	.00	.00	0.00	0.00	0.44
70 U05005224	33.753	118.130	15	ALAMITOS RAY-LONG REAC	14.22	.10	3.48	1.27	2.74	4.45	1.94	.00	.00	.00	0.00	0.00	0.00
70 U05008450	34.062	118.194	40	ALCAZAR FLOOD CONTROL	22.10	.15	3.71	2.64	4.19	8.44	2.99	.00	.00	.00	0.00	0.00	0.00
70 U05008500	34.329	118.317	2330	ALDER CRK PARADISE	22.04	.00	2.17	2.30	2.87	11.03	3.51	.00	.09	.07	0.40	0.00	0.00
70 U05010202	34.094	118.128	485	ALHAMBRA-CITY HALL	24.13	.08	3.90	2.40	3.87	10.35	3.46	.03	.03	.02	0.00	0.00	0.00
70 U03010850	34.415	118.091	3620	ALISO CYN-WAGON WHEEL	17.68	.21	3.04	1.81	3.17	6.49	2.46	.00	.23	.00	0.00	0.00	0.27
70 U05011470	34.459	118.155	2900	ALISO CYN RUM RCH	9.43	.08	1.07	.54	1.47	3.90	2.08	.00	.00	.00	0.00	0.00	0.00
70 U05011500	34.314	118.556	2367	ALISO CANYON OAT MTN	24.93	.00	3.50	1.98	5.45	10.54	3.45	.00	.01	.00	0.00	0.00	0.00
42 T2012290	34.850	120.366	900	ALMAP HANCH	.00	.46	5.77	.00	5.71	6.54	3.55	.00	.00	.00	0.00	0.00	0.00
90 T07013600	32.833	116.766	1740	ALPINE	20.07	1.73	2.61	2.87	3.42	3.15	5.59	.34	.21	.13	0.00	0.00	0.00
70 U05014400	34.181	118.137	1125	ALTADENA	27.09	.29	3.44	2.28	4.32	12.40	4.03	.11	.11	.12	0.00	0.00	0.00
70 U05014404	34.179	118.116	1186	ALTADENA GOLF	27.31	.09	3.43	2.17	4.89	12.54	3.47	.13	.05	.14	0.00	0.00	0.00
70 U0514500	33.994	117.991	645	ALTA MIRA RANCH	21.10	.82	4.27	2.22	2.71	8.44	3.05	.00	.02	.00	0.00	0.00	0.00
36 Y10017600	34.564	115.750	635	AMROY	.00	.45	.56	.00	.24	.00	.00	.00	.00	.00	0.00	0.00	0.00
56 U03017910	34.204	119.067	60	AMERICAN C SUGAR CO	15.93	.00	2.64	1.12	4.16	5.84	2.17	.00	.00	.00	0.00	0.00	0.00
70 U05020812	34.258	118.195	2800	ANDELES CREST HWY	32.52	.24	3.81	3.19	4.56	15.87	4.85	.00	.00	.00	0.00	0.00	0.00
33 Z02023500	33.555	116.674	3925	ANZA-COF FIRE STATION	16.15E	1.58	2.31	3.27	1.86	3.41	3.35	.22	.11	.00	0.00	0.00	0.00
36 W2024400	34.523	117.214	2935	APPLE VALLEY	5.60	.53	.71	.21	.69	1.63	1.77	.06	.00	.00	0.00	0.00	0.00
70 U05025102	34.159	118.033	611	ARCADIA RP 1	27.68	.24	3.62	2.09	4.18	12.55	4.83	.09	.03	.00	0.00	0.00	0.00
33 Y0126400				ARLINGTON	12.10	.25	1.88	1.35	2.20	3.68	2.63	.02	.00	.03	0.00	0.00	0.00
40 T10032000	35.123	120.573	105	ARROYO GRANDE-SLOCOD	25.25F	1.65	4.81	1.82	6.57	6.28	3.95	.04	.03	.03	0.00	0.00	0.00
70 U05032700	34.209	118.169	1220	ARROYO SEC0 R 5	29.17	.19	4.36	2.24	4.47	13.09	4.57	.12	.08	.00	0.00	0.00	0.00
70 U05033111	33.863	118.082	52	ARTESIA	18.16	1.11	3.57	1.48	3.34	6.15	2.51	.00	.00	.00	0.00	0.00	0.00
70 U05033900	34.078	118.187	605	ASCOT COVERED RES	22.74	.19	3.65	2.50	4.25	8.98	3.16	.00	.01	.00	0.00	0.00	0.00
70 U06039500	33.350	118.333		AVALON RECREATION RIFR	17.14	.88	3.38	1.47	3.65	5.95	2.86	.00	.02	.02	0.00	0.00	0.00
70 U05041000	34.134	117.904	612	AZUSA CITY PARK	24.89	.85	3.35	2.14	4.34	9.98	4.17	.01	.00	.00	0.00	0.00	0.00
70 U05041001	34.132	117.992	615	AZUSA FOOTHILL RCH	24.10	1.02	3.26	2.28	4.50	8.90	4.05	.04	.05	.00	0.00	0.00	0.00
70 U05041002	34.110	117.880	620	AZUSA VALLEY WATER CO	21.17	1.27	2.75	2.28	4.18	7.15	3.53	.01	.00	.00	0.00	0.00	0.00
70 U05043100	34.173	118.060	1180	BAILLY DEBERTS DAM	30.33	.09	3.77	2.14	4.87	13.74	5.30	.12	.07	.23	0.00	0.00	0.00
36 W2043600	35.266	116.086	940	BAKER	6.77	.64	.65	.09	2.29	1.02	2.00	.08	.00	.00	0.00	0.00	0.00
70 U05045500	34.093	117.961	384	BALOWIN PARK	22.02	.34	3.39	2.27	3.81	8.89	3.29	.00	.03	.00	0.00	0.00	0.00
33 X19048900	33.928	116.875	2380	BANNING	19.57	.75	3.02	1.88	3.04	4.39	6.17	.18	.06	.05	0.00	0.00	0.00
56 U03049500	34.234	118.817	1630	BARD RESERVOIR	34.54	.34	1.90	1.03	3.45	5.91	1.91	.00	.00	.00	0.00	0.00	0.00
56 U03050611	34.265	118.944	400	BARDSDALE YOUNG RCH	25.28	1.88	4.27	1.88	6.83	9.47	2.59	.00	.00	.00	0.00	0.00	0.00
56 U02051311	34.441	119.220	800	BARRE H OJAI RCH	28.79	.09	4.32	.97	7.79	12.77	3.25	.00	.00	.00	0.00	0.00	0.00
90 T11051400	32.679	116.670	1623	BARRETT DAM - SDOU	21.75	2.44	3.40	2.94	2.51	3.78	6.35	.24	.09	.00	0.00	0.00	0.00
36 W2051900	34.900	117.016	2121	BARSTOW	4.12	.27	.69	.45	.27	.97	1.19	.07	.05	.00	0.00	0.00	0.00
70 W2056610	34.364	117.691	7880	BEAR GULCH	33.13	.70	3.70	2.12	5.39	12.03	7.25	.00	1.73	.00	0.00	0.21	0.00
33 Y02060600	33.933	116.966	2610	BEAUMONT	21.10	.70	3.20	2.10	3.00	5.30	6.30	.20	.10	.20	0.00	0.00	0.00
33 Y01060700	33.980	116.959	3045	BEAUMONT PUMPING PL (N	27.03	1.35	2.40	2.62	1.96	5.90	11.77	.39	.50	.15	0.00	0.00	0.00
33 Y01060900	33.933	116.950	2608	BEAUMONT P E	20.52	.66	3.05	2.04	3.38	4.74	6.49	.00	.10	.12	0.00	0.00	0.00
33 Y01060912				BEAUMONT F C STA	22.03	.78	3.20	2.17	3.64	4.80	6.88	.21	.21	.14	0.00	0.00	0.00
70 U05061900	34.086	118.445	540	BEL AIR HOTEL-FC 10	24.09	.39	4.13	1.88	5.08	9.13	3.89	.00	.00	.00	0.00	0.00	0.00
70 U05062400				BELL CANYON GULCH FLAT	20.15	.11	3.15	1.33	3.94	9.19	2.43	.00	.00	.00	0.00	0.00	0.00
70 U05062460	34.189	118.658	945	BELL CR-DRY GULCH RANC	17.86	.04	2.64	.93	3.95	7.84	2.46	.00	.00	.00	0.00	0.00	0.00
70 U05062601	33.979	118.187	145	BELL FIRE STA	19.42	.11	4.13	2.36	3.91	6.44	2.45	.00	.00	.00	0.00	0.00	0.00
70 W20616300	34.422	118.232	2901	BELLVIEW	13.19	.13	1.52	1.03	2.26	4.98	3.27	.00	.00	.00	0.00	0.00	0.00
26 W03068400	37.833	118.483	5660	BENTON INSP STA	9.72	1.94	1.21	.02	2.85	1.99	.95	.05	.29	.24	0.09	0.19	0.40
33 X19069900				BERMUDA DUNES	2.66	.36	.74	.04	.11	.60	.58	.00	.00	.00	0.00	0.00	0.00
42 T12071900	34.414	120.514	155	BETTERAVIA	21.15	1.19	4.20	1.20	5.40	5.99	3.06	.00	.02	.00	0.00	0.00	0.00
70 U05072211	34.074	118.389	290	BEVERLY HILLS - CITY H	22.67	.39	4.02	1.91	4.86	8.57	2.92	.00	.00	.00	0.00	0.00	0.00
36 Y01074100	34.250	116.916	6750	BIG BEAR LAKE	29.05	.63	4.55	3.88	4.62	6.08	7.17	.13	.37	.00	0.12	1.50	0.00
70 U05075890	34.168	117.410	1575	BIG MALTON DAM	29.35	.53	3.95	2.47	4.75	12.24	5.22	.19	.18	.18	0.00	0.00	0.00
70 W20779900	34.379	117.591	4880	BIG PINES PARK	27.77	.60	3.17	1.88	4.62	10.29	6.10	.01	.90	.00	0.00	0.11	0.00
70 U05078501	34.184	118.019	1400	BIG SANTA ANITA DAM	34.72	.38	4.06	2.66	5.36	15.39	6.31	.09	.21	.22	0.00	0.00	0.00
70 U05079750	34.289	118.288	1525	BIG TUJUNGA CYN-CAMP 1	21.47	1.18	2.64	1.54	3.07	10.14	3.88	.00	.00	.02	0.00	0.00	0.00
70 U05079800	34.291	118.187	2315	BIG TUJUNGA DAM	33.02	.71	3.90	2.28	5.02	14.38	4.68	.05	.00	.00	0.00	0.00	0.00
70 U05081800	34.189	118.506	724	BIRMINGHAM GEN WOSP	18.13	.05	2.38	.92	3.59	8.94	2.23	.00	.00	.00	0.00	0.00	0.00
26 W03081900	37.250	118.583	8150	RISHOR CREEK INTAKE	13.92	1.22	1.82	.42	3.80	2.94	2.20	.32	.54	.16	0.00	0.50	0.00
14 W03082200	37.366	118.366	4100	RISHOR WA AIRPORT	6.76	.90	.68	.01	3.02	1.59	.32	.00	.09	.14	0.00	0.00	0.00
56 U03087711	34.356	119.073	277	BLANCHARD INV CO	24.98	.37	4.54	1.15	6.33	9.77	2.82	.00	.00	.00	0.00	0.00	0.00
90 Z07088900	34.858	116.856	1000	BLOSSOM VALLEY	17.24	1.33	2.57	2.38	2.27	3.39	4.67	.31	.11	.16	0.00	0.00	0.00
33 X15092400	33.614	114.600	266	BLYTE	.00	2.17	.64	.00	.00	.00	.82	.00	.00	.00	0.00	0.00	0.00
33 X15092500	33.616	114.714	390	BLYTE 7 W	4.34E	2.07	.38	.00	.05	.95	.89	.00	.00	.00	0.00	0.00	0.00
33 X15092700	33.616	114.714	390	BLYTE CAA & AIRPORT	4.83	1.84	.38	.03	.07	.96	1.12	.00	.00	.00	0.00	0.00	0.00
33 X15092705	</																

TABLE A-1 (CONT)

MONTHLY PRECIPITATION

SOUTHERN CALIFORNIA

WATER YEAR 1972-73

CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	PRECIPITATION IN INCHES												
					TOTAL OCT. 1 THROUGH SEPT. 30	1972			1973								
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.
33 Y01130805	34.003	117.058	2400	CALIFUSA	17.44	.74	2.47	1.54	3.04	4.16	4.41	.35	.23	.04	0.00	0.04	0.00
56 W03133600	34.705	119.012	123	CAMARILLO P SE	14.00	.10	2.08	1.74	3.80	4.83	1.95	.00	.00	.00	0.00	0.00	0.00
36 Y01136900	34.150	116.983	5770	CAMP ANGELIUS	.00	1.70	4.30	3.60	.00	10.30	8.40	.40	.50	.00	0.40	1.50	0.00
14 W03140400	36.866	118.214	2930	CAMP INDEPENDENCE	49.71	1.92	6.16	2.86	5.35	25.83	7.44	.11	.02	.00	0.00	0.00	0.00
90 Z11142400	32.627	116.469	2630	CAMP	17.56	1.87	2.60	2.55	1.70	3.13	5.24	.29	.09	.00	0.00	0.09	0.00
70 U05144000	34.236	117.860	1530	CAMP RINCON	39.12	.38	3.56	2.38	5.96	18.74	7.84	.02	.20	.00	0.00	0.00	0.00
56 W03147119	34.406	118.759	730	CAMULOS RANCH HOD	19.79	.04	2.79	.93	4.57	8.83	2.91	.00	.12	.00	0.00	0.00	0.00
56 W02147211	34.373	119.228	800	CANADA LARGA	27.53	.09	4.60	.99	6.73	11.22	3.30	.00	.00	.00	0.00	0.00	0.00
70 U05148000	34.181	118.572	794	CANOGA PARK PIERCE C	19.67	.10	2.94	.99	3.88	9.22	2.37	.00	.00	.00	0.00	0.02	0.00
15 W05148000	35.300	117.966	2010	CANTIL	4.84	.05	.90	.20	.50	2.01	.76	.04	.38	.00	0.00	0.00	0.00
30 U05151800	33.933	117.781	1625	CARBON CANYON OILMAN	.00	.32	3.55	2.04	.00	4.56	3.23	.00	.07	.00	0.00	0.00	0.00
36 U05152000	33.950	117.800	1175	CARBON CANYON WORKMAN	17.44	.92	3.30	1.89	3.10	5.30	3.13	.00	.00	.00	0.00	0.00	0.00
42 J15154000	34.400	119.483	385	CARRINTERIA RESERVOIR	.00	.40	4.10	.80	6.20	9.50	2.80	.00	.00	.00	0.10	0.10	0.00
42 T15154801	34.393	119.519	10	CARRINTERIA	23.73	.26	4.44	.75	6.04	9.55	2.69	.00	.00	.00	0.00	0.00	0.00
90 Z01155775	33.444	117.415	2365	CASE SPRING-CAMP PENOL	25.53	.55	3.79	3.64	4.24	6.81	5.92	.23	.23	.00	0.00	0.00	0.12
56 W02155800	34.386	119.333	369	CASITAS DAM	33.35	.26	6.31	1.23	8.94	14.86	1.75	.00	.00	.00	0.00	0.00	0.00
33 X19158705	34.400	119.300		CASITAS RESERVOIR	34.55	.13	6.75	1.20	9.14	14.11	3.16	.00	.00	.00	0.00	0.00	0.00
70 U05161301	34.355	117.876	6780	CATHEDRAL CITY F.C.S.	34.62	.20	1.13	.36	.49	.95	.49	.00	.00	.00	0.00	0.00	0.00
70 U05161301	34.355	117.876	6780	CEDAR SPRINGS-CON CAMP	34.55	.77	4.04	2.71	5.12	14.42	7.00	.36	.19	.00	0.00	0.00	0.00
70 U05168000	34.256	118.605	957	CHATS WORTH F C 24 N	20.80	.06	3.22	1.22	4.56	8.72	3.02	.00	.00	.00	0.00	0.00	0.00
70 U05168200	34.226	118.616	912	CHATS WORTH RESERVOIR	18.55	.30	2.71	1.19	4.13	7.46	2.76	.00	.00	.00	0.00	0.00	0.00
70 U05168211	34.277	118.603	1254	CHATS WORTH RAT STA	20.58	.14	3.23	1.33	4.87	8.35	2.66	.00	.00	.00	0.00	0.00	0.00
33 Y01169801	33.984	116.967	3050	CHERRY VALLEY F 5	24.64	1.18	2.49	2.23	3.45	5.52	8.35	.34	.36	.07	0.70	0.03	0.02
70 W02172401	34.317	118.008	5275	CHILAO HMS	26.89	.36	3.45	1.83	3.55	12.90	4.64	.08	.06	.00	0.00	0.02	0.00
70 U05172500	34.326	118.033	5250	CHILAO RANGER STA	21.34	.21	2.84	1.40	3.21	10.69	2.82	.00	.00	.00	0.13	0.00	0.00
40 T09174300	35.683	120.200	1975	CHOLLAS HATCH RANCH	14.12	.23	2.70	.43	4.21	4.58	1.95	.02	.00	.00	0.00	0.00	0.00
90 Z00174700	32.733	117.050	400	CHOLLAS RESERVOIR	14.21	.85	2.51	1.91	3.20	2.67	2.83	.24	.00	.00	0.00	0.00	0.00
90 Z10175800	32.600	117.100	9	CHULA VISTA	9.91	.90	1.37	1.33	1.73	1.83	2.58	.23	.04	.00	0.00	0.00	0.00
90 Z09175820	32.640	117.086	60	CHULA VISTA FIRE DEPT	9.32	.73	1.93	1.26	2.10	1.49	1.72	.09	.00	.00	0.00	0.00	0.00
70 Y01177701	34.095	117.715	1180	CLAREMONT FIRE STA	18.99	.50	2.53	2.54	3.03	6.28	4.10	.00	.00	.00	0.01	0.00	0.00
70 U05177702	34.122	117.719	1403	CLAREMONT INDIAN HILL	21.94	.33	2.58	2.40	4.20	7.72	4.82	.09	.00	.00	0.00	0.00	0.00
70 U05177703	34.126	117.731	1350	CLAREMONT SLAUGHTER	21.91	.45	2.37	2.33	4.15	7.94	4.44	.10	.07	.02	0.00	0.00	0.00
70 U05177900	34.096	117.709	1201	CLAREMONT POMONA COL	19.25	.40	2.40	2.46	3.99	5.94	4.06	.00	.00	.00	0.00	0.00	0.00
70 U05179811	34.277	118.170	3200	CLEAR CREEK SCHOOL	38.58	.76	4.27	3.42	5.23	19.55	5.32	.13	.00	.00	0.00	0.00	0.00
70 U05188300	34.243	117.960	2330	COOSWELL DAM	44.86	1.37	5.86	2.44	6.37	20.42	7.73	.00	.17	.08	0.00	0.00	0.00
70 U05196800	34.300	118.110	3675	COLBY FC 530	32.74	.40	4.39	2.24	4.24	16.40	5.07	.00	.00	.00	0.00	0.00	0.00
70 U05189750	34.270	117.840	3280	COLORADO RANGER STATI	33.68	.51	4.02	1.83	4.99	15.58	8.60	.05	.00	.00	0.10	0.00	0.00
70 U05190601	34.263	117.710	3885	COLDWATER CANYON	34.12	.48	3.92	2.28	5.98	15.12	6.32	.11	.09	.00	0.00	0.00	0.00
70 U05195403	33.860	118.219	32	COMPTON-AMER REET SUGA	19.40	.35	5.33	1.91	3.57	5.91	2.43	.00	.00	.00	0.00	0.00	0.00
70 U05198201	34.264	118.253	3400	COOKS CANYON	24.27	.10	2.82	1.47	3.86	12.23	3.79	.00	.00	.00	0.00	0.00	0.00
70 U05198702	34.216	118.166	1825	COON CANYON 2	27.98	.17	3.35	2.39	4.15	13.42	4.50	.00	.00	.00	0.00	0.00	0.00
70 U05198705	34.221	118.163	2207	COON CANYON 5	26.52	.20	3.21	2.36	4.04	12.41	4.30	.00	.00	.00	0.00	0.00	0.00
70 U05198706	34.212	118.170	1268	COON CANYON 6	27.94	.17	3.55	2.37	4.22	13.14	4.49	.00	.00	.00	0.00	0.00	0.00
33 Y01203100	33.874	117.566	710	CORONA-USWA-COR FIRE D	15.62	.39	2.21	2.02	2.53	4.81	3.42	.00	.00	.00	0.00	0.04	0.00
33 Y01203135	33.873	117.583	730	CORONA FOOTHILL LEMON	11.28	.28	1.76	1.21	2.20	3.13	2.70	.00	.00	.00	0.00	0.00	0.00
33 Y01203302	33.837	117.544	1050	CORONA SOUTH-BARNES W	14.45	.36	2.34	1.54	2.88	4.40	2.81	.00	.00	.00	0.00	0.00	0.00
33 Y01203401	33.881	117.562	694	CORONA FIRE DEPT	13.47	.35	2.13	1.71	2.13	4.23	2.91	.01	.00	.00	0.00	0.00	0.00
33 Y01203421	33.843	117.576	1050	CORONA LEMON CO 1	17.93	.36	3.71	2.08	3.13	5.20	3.65	.00	.00	.00	0.00	0.00	0.00
33 Y01203422	33.830	117.577	1225	CORONA LEMON CO 2	20.68	.31	3.01	2.76	3.66	6.37	4.57	.00	.00	.00	0.00	0.00	0.00
33 Y01203423	33.863	117.591	850	CORONA LEMON CC 3	17.09	.34	2.47	2.22	2.74	5.50	3.82	.00	.00	.00	0.00	0.00	0.00
33 Y01203460	33.872	117.565	680	CORONA-TEMECAL WATER	17.80	.50	2.65	2.07	2.80	5.95	3.83	.00	.00	.00	0.00	0.00	0.00
90 Z10204020	32.691	117.172	27	COPONADO-RURCELL	11.69	.85	2.80	1.49	1.66	2.24	2.50	.11	.00	.00	0.00	0.00	0.00
70 U05208915	34.083	117.899	508	COVINA SEWAGE PLANT	19.30	.51	2.46	2.40	4.04	6.78	3.17	.00	.00	.00	0.00	0.00	0.00
70 U05209000	34.082	117.874	575	COVINA TEMPLE FC 193	21.06	.58	2.92	2.39	4.11	7.21	3.44	.01	.00	.00	0.00	0.00	0.00
90 X22213900	32.891	116.274	1500	CRAWFORD RANCH	.00	.64	.37	.25	.27	.89	.81	.00	.00	.00	0.00	0.00	0.00
70 W22216400	34.250	117.250	4900	CRYSTLINE FIRE STA 2	.00	1.70	7.10	4.80	5.20	13.80	.00	.00	.00	.20	0.00	0.00	0.00
70 U05219800	34.316	117.841	5370	CRYSTAL LAKE FC 283C	40.96	.66	4.37	2.31	5.16	19.38	8.54	.21	.11	.00	0.00	0.20	0.00
70 U05219900	34.327	117.836	5770	CRYSTAL LAKE FC283B	40.96	.66	4.37	2.31	5.16	19.39	8.56	.21	.11	.00	0.00	0.20	0.00
70 U05221400	34.021	118.394	106	CULVER CITY-FIRE STATI	17.76	.60	3.55	2.08	3.73	5.57	2.23	.00	.00	.00	0.00	0.00	0.00
42 T12223800	34.933	119.816	2240	CUYAMA	.00	.29	1.26	.43	1.30	1.52	1.54	.00	.00	.00	0.08	0.00	0.00
90 Z07223900	32.988	116.587	4650	CUYAMACA - MELIX I.D.	52.10	.41	5.70	6.02	7.57	9.29	14.31	1.24	.91	.05	0.00	1.54	0.00
36 W02225700	34.866	116.783	1922	DAGGETT FAA AP	4.65	.67	.33	.19	.31	1.15	.00	.14	.10	.00	0.21	0.65	0.00
56 W03230311	34.157	119.077	20	DAVIS RANCH	12.59	.31	2.53	.96	3.35	3.92	1.52	.00	.00	.00	0.00	0.00	0.00
14 W09231900	36.466	116.884	194	DEATH VALLEY	3.48	1.09	.49	.00	.34	.89	.57	.09	.01	.00	0.00	0.00	0.00
33 X19232700	33.650	116.383	1200	DEEP SPRING LABORATO	4.52	.39	1.06	.37	.28	.86	.83	.00	.00	.00	0.00	0.73	0.00
33 X19233100	37.366	117.983	5225	DEEP SPRINGS COLLEGE	7.21	1.22	1.03	.01	1.68	1.83	.59	.08	.36	.10	0.01	0.30	0.00
90 Z05236100	32.954	117.260	225	DEL MAR	11.03	.39	2.42	1.62	1.88	2.17	2.55	.00	.00	.00	0.00	0.00	0.00
33 X17240413	33.766	115.334	555	DESERT CENTER SNE	3.94	1.50	.12	.00	.00	.64	.99	.00	.00	.00	0.00	0.86	0.00
33 X19240500	33.963	116.502	1100	DESSERT HOT SPRINGS	5.31	.28	1.41	.64	.47	1.26	1.25	.00	.00	.00	0.00	0.00	0.00
90 Z07240600</																	



TABLE A-1 (CONT)  
MONTHLY PRECIPITATION  
SOUTHERN CALIFORNIA

WATER YEAR 1972-73

CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	PRECIPITATION IN INCHES													
					TOTAL OCT. 1 THROUGH SEPT. 30	1972			1973									
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	
90 207270900	32.881	116.414	600	EL CAPITAN DAM	18.99	1.81	2.90	2.33	2.28	3.54	5.74	.70	.14	.04	.00	0.02	0.00	
13 22271300	32.764	115.544	300	EL CNTRH P 55W	0.00	1.86	.36	.00	.00	.29	.00	.00	.00	.00	.00	0.00	0.00	
33 01271700	33.824	117.509	800	EL CERRITO-CDF FIRE ST	13.26	.00	2.14	1.33	2.65	4.14	2.57	.00	.00	.02	.00	0.01	0.00	
70 00327350	34.407	118.541	2075	ELIZABETH LK C-RANTUM	26.74	.00	4.61	1.07	5.01	12.18	3.74	.07	.06	.00	0.00	0.00	0.00	
26 00127500	37.936	119.232	9600	ELFRAY LAKE	20.74	1.12	2.80	3.30	3.84	4.08	1.94	.48	1.06	.64	0.58	0.88	0.04	
34 029277100	34.600	117.600	2910	EL MIRAGE FIELD	.00	.00	.91	.22	.00	.00	1.44	.00	.60	.00	0.00	0.70	0.00	
30 01277500	33.900	117.783	464	EL MONENA	16.55	.19	3.27	1.97	2.89	5.16	3.11	.00	.00	.00	0.00	0.00	0.00	
70 005277901	34.074	118.041	275	EL MONTE FIRE STA	21.24	.19	3.56	2.41	4.12	7.61	3.35	.00	.00	.00	0.00	0.00	0.00	
70 005278001	34.221	118.155	150	EL PRIETO CANYON	28.52	.42	3.43	2.45	4.22	13.61	4.39	.00	.00	.00	0.00	0.00	0.00	
70 005280000	33.915	118.417	150	EL SEGUNON-STN OIL CN	17.20	.36	3.35	1.77	3.26	4.99	3.31	.00	.00	.00	0.00	0.09	0.00	
33 002280500	33.669	117.331	1295	ELSHORE - CDF FIRE ST	10.37	.78	.60	.88	2.73	3.09	2.31	.02	.00	.00	0.00	0.00	0.00	
33 002281250	33.675	117.372	1265	ELSHORE STATE PK + RE	17.53	1.39	2.42	1.88	3.12	9.19	3.51	.04	.01	.00	0.00	0.00	0.00	
70 005282311	34.081	118.239	700	ELYSIAN PARK FS	19.02	.20	2.80	2.00	3.95	7.52	2.55	.01	.00	.00	0.00	0.00	0.00	
70 005283011	34.149	118.515	1000	ENCINO RESERVOIR	24.58	.00	3.57	1.18	5.12	11.79	2.89	.00	.00	.00	0.00	0.03	0.00	
90 207283310	33.041	117.274		ENCINITAS CO RD STA	10.15E	.38	2.28	1.01	1.50	1.96	2.97	.05	.00	.00	0.00E	0.00E	0.00E	
70 005283550	34.156	117.944	1310	ENLEWOOD OEBMS 0451V	25.22	.51	3.17	2.33	4.45	9.73	4.64	.10	.07	.12	.00	0.00	0.00	
70 005284001	33.211	117.200	750	E RESERVOIR - VISTA I	17.85E	.92	3.45	2.12	2.84	3.67	4.85	.00	.00	.00	0.00E	0.00E	0.00E	
70 005286200	33.119	117.074	665	ESCONDIDO (14) - TING	16.99	.87	2.26	2.15	2.92	2.91	4.82	.34	.05	.01	0.00	0.00	0.02	
90 204286300	33.120	117.088	600	ESCONDIDO NO 2 - FIRE	7.28E	.80	3.00	2.30	.30	.32	.50	.04	.03	.00	0.00E	0.00E	0.00E	
70 005286701	34.048	118.773	1050	ESCONDIDO CYN-PA.5-MAL	23.22	.03	3.46	2.03	4.67	9.35	3.48	.00	.00	.00	0.00	0.00	0.00	
36 001289500	34.125	117.524	1390	ETIWANDA	22.22	.26	3.08	2.41	3.53	7.98	4.74	.06	.16	.00	0.00	0.00	0.00	
90 209290650	32.759	117.000		EUCALYPTUS COUNTY PK	15.05	1.07	2.40	2.22	2.23	2.83	3.69	.47	.09	.00	0.00	0.00	0.05	
70 026294100	34.704	118.427	3060	FARMONT RESERVOIR-LAW	18.13	1.17	2.55	1.01	2.80	8.51	2.82	.20	.07	.00	0.00	0.00	0.00	
70 005295000	34.204	118.138	1585	FALL OAKS DER BN-ALTAO	27.82	1.10	3.28	2.21	4.34	12.91	4.32	.24	.07	.31	0.00	0.00	0.00	
90 203295800	33.364	117.244	660	FALLROCK-D.S.+F.C. - R	18.88	.50	3.40	2.30	3.60	4.40	4.30	.10	.10	.00	0.00	0.00	0.10	
90 203295200	33.383	117.244	684	FALLROCK FIRE STATION	17.14	.41	3.05	1.94	2.24	5.26	4.05	.06	.11	.00	0.00	0.00	0.00	
70 005296111	34.301	117.838	4010	FALLING SPRINGS	40.51	.84	3.75	1.90	5.46	20.52	7.73	.31	.00	.00	0.00	0.00	0.00	
56 003303615	34.427	119.090	960	FERNDALE RANCH-SANTA P	30.89	.90	4.55	.89	5.85	15.25	3.74	.22	.00	.00	0.00	0.00	0.00	
42 114304800	34.736	120.005	3200	FIGUEROA MOUNTAIN-G.S.	.00	.90	5.60	1.70	5.40	9.60	4.00	.00	.00	.00	0.00	0.00	0.20	
90 003305000	34.403	118.975	435	FILLMORE 1 WNW	24.84	1.43	4.14	1.17	6.18	9.20	2.72	.00	.00	.00	0.00	0.00	0.00	
56 003305013	34.393	118.984	470	FILLMORE FISH HATCH	22.71	.66	3.98	1.84	5.75	8.69	2.54	.02	.01	.00	0.00	0.00	0.00	
70 005307100	34.182	118.194	1345	FLINTINGR F 5	27.25	.28	3.52	3.32	4.44	11.91	4.54	.05	.11	.00	0.00	0.00	0.00	
36 001311800	34.182	117.442	1972	FONTANA 5 N	29.44	.42	3.67	3.15	4.42	8.36	7.94	.34	.33	.01	0.00	0.00	0.00	
36 001312000	34.083	117.500	1090	FONTANA KAISER	18.82	.20	2.70	2.08	3.20	5.55	4.27	.00	.02	.00	0.00	0.00	0.00	
70 005328500	33.900	117.883	340	FULLERTON DAM	16.46	.32	3.05	1.88	3.02	4.74	2.88	.00	.00	.00	0.00	0.00	0.00	
70 005328800	33.866	117.403	340	FULLERTON HILLCRST RE	18.89	.81	4.22	1.67	2.99	5.51	3.68	.00	.00	.00	0.00	0.00	0.01	
33 202334040	33.451	117.324	465	GARNSAY	26.11	.30	4.49	3.11	4.92	7.41	5.68	.00	.00	.00	0.00	0.00	0.00	
26 001336900	37.751	119.133	8970	GEN LAKE	19.42	1.52	2.96	1.82	3.28	6.10	1.98	.52	.50	.12	0.06	1.06	0.62	
42 114302000	34.523	119.688	1550	GIRARDTAR DAM 2	38.16	.46	6.10	1.05	8.38	14.89	4.27	.00	.00	.00	0.00	0.00	0.00	
90 207341000	32.916	116.966	370	GILLESPIE FIELD	13.16	1.30	2.41	1.43	1.68	2.89	3.29	.12	.04	.00	0.00	0.00	0.00	
33 002341450	33.834	116.957	1900	GILMAN HOT SPRINGS-VIF	14.47	.62	2.49	1.44	2.46	4.18	3.45	.03	.00	.00	0.00	0.00	0.00	
70 005343011	34.151	118.689	986	GIRARD RESERVOIR	25.31	.11	3.47	1.03	5.05	12.54	3.06	.00	.00	.00	0.00	0.01	0.00	
33 001343820			253	GLEN AVON FIRE DEPT	15.02	.29	2.53	1.72	2.76	4.52	3.17	.00	.03	.00	0.00	0.00	0.00	
70 005345001	34.105	118.251	615	GLENDALE-JONES	22.52	.15	3.01	1.89	3.76	9.91	3.77	.03	.00	.00	0.00	0.00	0.00	
70 005345002	34.150	118.240	603	GLENDALE-MCINTYRE	22.81	.11	3.10	2.05	3.79	9.88	3.62	.00	.03	.03	0.00	0.00	0.00	
70 005345200	34.139	117.859	822	GLENDORA WEST FC 195	24.30	.66	2.96	2.31	4.53	9.31	4.38	.11	.02	.02	0.00	0.00	0.00	
70 005345202	34.156	117.849	1165	GLENDORA-ENGLEWLD RCH	25.60	.56	3.28	2.34	4.76	9.84	4.43	.10	.15	.07	0.00	0.03	0.00	
70 005345203	34.139	117.865	782	GLENDORA-MCICO	24.57	.84	2.95	2.33	4.76	9.17	4.40	.00	.04	.00	0.00	0.00	0.00	
70 005345204	34.132	117.819	960	GLENDORA-WARRER	22.39	.62	2.68	2.33	4.39	8.11	4.26	.00	.00	.00	0.00	0.00	0.00	
33 001345811	33.765	117.487	1100	GLEN IVY	19.07	.31	3.50	1.55	3.53	6.24	3.94	.00	.00	.00	0.00	0.00	0.00	
13 206348900	32.883	116.866	485	GOLD ROCK RANCH	4.31	1.95	.63	.00	.00	.90	.93	.00	.00	.00	0.00	0.00	0.20	0.00
42 115349040	34.450	119.833	40	GOLETA ALFSEN	26.96	.31	7.61	.88	6.88	8.27	2.87	.02	.03	.02	0.00	0.09	0.02	
42 115349444	34.433	119.783	60	GOLETA RHYSON	25.10	.10	6.57	.55	6.25	9.11	2.52	.00	.00	.00	0.00	0.00	0.02	
70 003351111	34.787	118.831	3680	GORMAN-OWEY PALPH	15.34	.00	3.87	.34	2.28	5.43	3.22	.20	.00	.00	0.00	0.00	0.00	
70 005353500	34.285	118.514	1280	GRANADA HILLS-STRAITHAU	21.55	.04	2.89	1.92	4.22	9.40	3.35	.03	.00	.00	0.00	0.00	0.00	
70 206357620	34.376	117.721	7350	GRASSY HOLLOW	19.38	.41	2.17	1.25	3.17	7.04	4.25	.01	.96	.00	0.00	0.12	0.00	
70 005366303	34.121	118.284	950	GRIFFITH RK NURSERE	21.35	.10	3.41	2.49	4.31	8.47	2.57	.00	.00	.00	0.00	0.00	0.00	
70 005366308	34.119	118.305	750	GRIFFITH FERN DELL	21.11	.00	3.10	2.00	4.03	8.52	3.40	.00	.00	.00	0.00	0.06	0.00	
70 005366309	34.124	118.283	900	GRIFFITH LIT CN	22.23	.05	3.25	2.30	4.14	8.93	3.55	.00	.00	.00	0.00	0.01	0.00	
70 005366312	34.133	118.289	600	GRIFFITH LWR SPRING	23.40	.01	3.30	2.30	4.45	9.60	3.65	.00	.00	.00	0.00	0.09	0.00	
70 005366620	34.338	117.649	8125	GUFFY CAMP	33.35	.85	3.73	2.25	4.89	11.82	8.29	.00	1.42	.00	0.00	0.10	0.00	
70 005369900	33.979	117.973	585	HACIENDA HEIGHTS	19.81	.64	3.10	2.03	3.88	6.84	3.22							

TABLE A-1 (CONT)  
MONTHLY PRECIPITATION

SOUTHERN CALIFORNIA

WATER YEAR 1972-73

CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	TOTAL OCT. 1 THROUGH SEPT. 30	PRECIPITATION IN INCHES											
						1972			1973								
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.
33 19418551	33.866	116.743	3500	HURLEY FLAT	27.18	1.15	4.07	3.57	4.01	6.16	8.01	.03	.03	.00	0.00	0.15	0.00
33 19421100	33.746	116.713	5397	IDYLLWILLO-FIRE DEPT (A)	28.55	.74	3.64	4.57	4.16	6.16	7.87	.47	.31	.00	0.00	0.61	0.00
13 423422300	32.850	115.566	-6	IMPERIAL	3.35	1.71	.45	.00	.03	.54	.31	.00	.00	.00	0.00	0.27	0.00
13 423422400	32.833	115.566	-60	IMPERIAL FAA AP	3.60	1.86	.43	.00	.05	.63	.36	.00	.00	.00	0.00	0.27	0.00
14 403423200	36.801	118.185	3950	INDEPENDENCE-LAW+P OFF	7.52	.21	1.23	.44	2.68	1.62	.44	.00	.30	.00	0.04	0.38	0.00
33 19425900	33.733	116.250	11	INDIO US DATE GARDEN	2.35	.64	1.05	.07	.08	.17	.34	.00	.00	.00	0.00	0.00	0.00
70 054276011	33.945	118.354	135	INGLEWOOD - FIRE STATI	18.39	.67	3.55	2.41	3.78	5.52	2.90	.00	.00	.00	0.00	0.00	0.00
15 404278000	35.650	117.814	2440	INYOKEHN	4.24	0.60	.09	.00	1.57	.34	.00	.50	.00	.50	0.00	0.13	0.00
15 404280000	35.693	117.683	2218	INYOKEHN ARMITAGE	3.76	.07	1.13	.04	.63	1.19	.38	.00	.20	.00	0.03	0.29	0.00
36 412429700	34.133	115.133	922	IRON MOUNTAIN	2.37	1.26	.35	.00	.13	.33	.28	.00	.00	.00	0.00	0.00	0.00
70 424431150	34.357	117.451	4700	ISLIP SADDLES	34.19	1.06	4.25	2.25	5.50	13.68	6.94	.26	.00	.00	0.00	0.00	0.00
90 422433400	32.833	116.200	2900	JACUMPA	10.60	1.78	1.48	1.34	1.03	2.35	2.56	.10	.00	.00	0.00	0.00	0.00
16 404440500	34.138	116.200	2730	JOSHUA TREE	7.70	1.21	1.46	.22	.41	2.23	1.51	.00	.00	.00	0.00	0.00	0.00
90 422441210	33.070	116.450	4250	JULIAN - BINCH	30.47E	2.62	5.48	4.14	4.23	5.07	8.14	.62	.29	.36	0.00	0.00	0.00
90 207441800	33.092	116.645	3655	JULIAN (WYNOLA)-VILIP	31.00	2.23	5.26	3.97	4.02	5.76	4.57	.71	.34	.04	0.00	0.15	0.00
42 114442200	34.483	119.516	2060	JUMCAL DAM	44.50	.29	8.74	1.17	8.83	20.79	4.88	.00	.00	.00	0.00	0.00	0.00
33 404443100	34.227	118.211	2020	JUNIPER FLATS	15.06	.63	2.61	1.47	2.83	3.95	3.48	.03	.00	.05	0.00	0.07	0.62
70 054444011	34.295	118.374	1430	KAGEL CANYON P S	20.59	.21	2.37	1.87	3.31	9.24	5.94	.00	.00	.02	0.00	0.01	0.00
36 405444700	34.186	116.533	4325	KEE RANCH	8.84	.17	2.34	.46	.71	2.40	2.74	.00	.00	.00	0.00	0.00	0.00
70 054462101	34.203	118.194	1270	LA CANADA	29.87	.42	2.81	3.03	5.17	12.83	5.36	.04	.03	.02	0.00	0.00	0.00
70 054462111	34.197	118.184	1155	LA CANADA ARMY SECD	27.49	.26	3.57	2.50	4.34	12.65	4.57	.00	.00	.00	0.00	0.00	0.00
70 054462135	34.227	118.211	2020	LA CANADA IRRIGATION D	30.83	.16	3.93	2.79	4.87	13.52	4.94	.21	.22	.17	0.00	0.00	0.00
70 054462800	34.221	118.236	1555	LA CRFSCENTA-L.C.V.W.D	29.19	.17	3.51	2.51	4.73	13.03	5.01	.09	.04	.00	0.00	0.00	0.00
30 214464700	33.546	117.780	35	LARJINA REACH-SEWAGE DI	16.73	.38	3.82	1.14	3.57	4.00	3.57	.18	.10	.05	0.00	0.00	0.00
70 054464711	33.976	118.144	140	LARJINA RECH 55	18.26	.08	3.60	2.10	3.91	6.00	2.67	.00	.00	.00	0.00	0.00	0.00
30 201465000	33.450	117.900	210	LARJINA REACH 2-L.R.WAT	.00-	.50	2.90	1.00	.00	3.90	2.50	.00	.10	.00	0.00	0.00	0.00
16 402467100	34.250	117.200	5250	LAKE ARROWHEAD	45.88	.37	6.83	4.95	7.39	13.96	10.58	.22	.53	.00	0.00	0.00	0.00
33 402468551	33.437	117.344	1325	LAKELAND VILLAGE	16.33	.28	2.95	1.75	3.16	4.54	3.55	.02	.00	.02	0.00	0.00	0.00
33 401468951	33.843	117.444	1375	LAKE MATHEWS 1	9.17	.13	1.44	.75	1.69	2.77	2.39	.00	.00	.00	0.00	0.00	0.00
33 401468952	33.840	117.386	1440	LAKE MATHEWS 2	9.41	.31	1.59	.80	1.44	2.74	2.31	.01	.00	.00	0.00	0.00	0.00
33 401468953	33.846	117.454	3160	LAKE MATHEWS 3	10.28	.34	1.82	.92	2.11	3.40	2.48	.00	.00	.00	0.00	0.00	0.00
58 404470511	34.150	118.800	1040	LAKE SHERWOOD	23.38	.35	3.62	1.12	5.35	8.89	4.05	.00	.00	.00	0.00	0.00	0.00
90 207471000	32.850	116.883	692	LAKEVIEW 2 E	17.11	1.04	2.71	2.23	2.02	3.71	4.84	.14	.12	.10	0.00	0.12	0.00
90 204472600	33.174	116.998	1500	LAKE WOLFORD - E.M.W.	8.27E	.00	4.20	2.60	.72	.39	.65	.04	.02	.01	0.00	0.00	0.00
70 054473211	33.887	118.015	86	LA MIRADA	17.90	.30	3.82	1.77	3.21	5.73	3.88	.00	.00	.00	0.00	0.00	0.00
90 208473500	32.766	117.016	528	LA MESA	15.47	1.10	2.62	2.21	2.14	3.78	2.77	.29	.00	.00	0.00	0.00	0.00
70 404474702	34.682	118.134	2395	LANCASTER HHS	8.04	.00	1.10	.23	.84	2.61	1.24	.00	.00	.00	0.00	0.00	0.00
70 054474921	34.194	118.368	717	LANKERSHIM P P	20.75	.03	2.59	1.58	3.75	9.42	3.29	.02	.00	.00	0.00	0.00	0.00
40 209476700	35.393	120.186	1550	LA PANZA RANCH	.00-	.73	2.06	.42	3.69	.00-	.00-	.00-	.00-	.00	0.00	0.00	0.00
70 054480311	34.046	118.638	145	LAS FLORES CANYON	14.88	.05	3.53	1.94	4.21	6.52	2.61	.00	.00	.00	0.00	0.00	0.00
33 401481411	33.918	117.488	714	LA SIERRA F S	12.02	.29	1.72	1.30	2.67	3.39	2.85	.00	.00	.00	0.00	0.00	0.00
70 054482700	34.093	118.814	1700	LATIGO CANYON BEACH	34.63	.61	5.43	2.01	7.94	14.21	4.26	.05	.10	.00	0.00	0.00	0.00
70 054483911	34.100	117.769	1050	LA VERNE-POLICE DEPT	22.00	.95	2.65	2.50	4.28	7.13	4.49	.01	.00	.00	0.00	0.00	0.00
70 054484000	34.116	117.750	1235	LA VERNE HTS FC 58R	22.12	.63	2.59	2.56	4.76	7.64	4.35	.07	.02	.00	0.00	0.00	0.00
70 054484700	34.077	118.879	1600	LECHUA PATROL STN	28.51	.20	5.10	1.74	6.21	9.77	3.99	.00	.00	.00	0.00	0.00	0.00
33 419488211	33.669	116.302	90	LA QUINTA F S	2.15	.34	.77	.06	.05	.44	.45	.00	.00	.00	0.00	0.00	0.00
90 209489105	32.737	117.029		LEMON GROVE FIRE DEP	13.62E	1.07	2.70	.00	2.60	3.40	3.38	.39	.05	.03	0.00	0.00	0.00
70 404490401	34.610	118.281	3125	LEONIS VALLEY	11.47	.09	1.49	.40	2.40	3.75	3.54	.00	.00	.00	0.00	0.00	0.00
70 054490500	34.419	117.886	4615	LEWIS RANCH	16.72	.30	2.28	1.07	2.99	6.32	3.36	.00	.00	.00	0.00	0.00	0.00
56 403494300	34.731	119.123	335	LEWIS RANCH	23.18	.29	4.54	.86	5.86	8.34	3.24	.00	.04	.00	0.00	0.00	0.00
70 054497501	34.379	118.150	5600	LITTLE GLEASON	26.07	.15	2.12	2.79	4.34	11.48	4.44	.00	.75	.00	0.00	0.00	0.00
33 402497943	34.052	118.236	270	LITTLE LAKE VLY VISFS	13.89	.62	2.10	1.19	2.16	3.15	3.49	.04	.05	.01	0.00	0.00	0.00
70 404498300	34.536	117.974	2805	LITTLE ROCK	5.82	.13	.89	.44	.92	1.91	1.33	.00	.00	.00	0.00	0.20	0.00
70 054499301	34.133	117.743	1510	LIVE OAK CYN DAM	22.93	.70	2.61	2.40	4.36	8.06	4.52	.19	.07	.02	0.00	0.00	0.00
42 426500150	34.486	117.833	3990	LLANO - BLAYLOCK	5.43	.13	.87	.22	.55	2.32	1.54	.00	.00	.00	0.00	0.00	0.00
56 403502410	34.734	119.102	5150	LOCKWOOD VALLEY	17.32	1.10	3.13	.80	3.60	7.51	2.11	.00	.07	.00	0.00	0.00	0.00
42 114504600	34.461	120.483	72	LOMPOC SEWAGE PLT	22.06	.39	4.51	1.74	5.53	6.71	2.95	.00	.00	.00	0.00	0.00	0.00
42 114506440	34.656	120.440	100	LOMPOC HWY MAINT STATT	20.24	.43	3.81	1.64	5.11	6.09	3.01	.00	.00	.00	0.00	0.00	0.00
42 114506460	34.683	120.433	240	LOMPOC ANE FIRE STATIO	19.93	.15	4.52	.93	6.30	5.40	2.55	.00	.00	.00	0.00	0.00	0.00
14 403506700	34.450	118.000	3950	LONG BEACH CANTONWOOD	.00-	.05	.30	.22	2.20	1.28	.68	.00	.00	.00	0.00	0.00	0.00
70 055080000	33.783	118.200	10	LONG BEACH PUB SVC	.00-	.07	4.70	.80	2.86	3.76	2.22	.00	.00	.00	0.00	0.00	0.00
70 055082050	33.788	118.190	180	LONG BEACH LAM CO	14.43	.00	4.09	1.28	2.89	3.83	2.34	.00	.00	.00	0.00	0.00	0.00
70 0																	



TABLE A-1 (CONT)  
MONTHLY PRECIPITATION  
SOUTHERN CALIFORNIA

WATER YEAR 1972-73

CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	PRECIPITATION IN INCHES													
					TOTAL OCT. 1 THROUGH SEPT. 30	1972			1973									
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	
56 V02540901	34.484	119.304	1060	MATILIJIA DAM	45.91	-07	7.71	.90	9.63	23.17	4.30	.03	.00	.00	.00	.00	.00	.00
56 V02540902	34.430	119.314	650	MATILIJIA RCH	34.87	-06	6.71	1.04	8.98	14.79	3.29	.00	.00	.00	.00	.00	.00	.00
56 U02541700	34.484	119.304	1060	MATILIJIA DAM	44.80	-20	7.40	1.00	9.60	22.21	4.20	.00	.00	.00	.00	.00	.00	.00
33 X19550200	33.566	116.066	180	MECCA FIRE STATION	1.86	.24	.62	.00	.00	.44	.47	.00	.00	.00	.00	.00	.00	.00
70 V26556920	34.467	117.747	3810	MESCAL CREEK FT TEJON	5.38	.12	.75	.11	.68	2.35	1.37	.00	.00	.00	.00	.00	.00	.00
36 V01563200	34.088	118.934	4945	MILL CREEK INTAKE	28.40	2.30	4.10	1.30	5.60	2.90	4.20	.30	.80	.00	.00	.00	.00	.00
90 Z04870701	32.900	117.100	460	MIRAMAR	14.46	.88	2.37	1.89	2.25	2.12	3.96	.22	.04	.02	.00	.00	.00	.00
36 X10572100	34.933	115.533	4306	MITCHELL CAVERNS	9.78	.86	1.13	.99	1.25	1.11	2.39	.51	.64	.76	.00	.00	.00	.00
33 Y02573650	33.896	117.415	1007	MOCKINGBIRD RES	10.22	.25	2.25	1.07	1.53	2.44	2.22	.00	.00	.06	.00	.00	.00	.00
15 W26575600	35.050	114.166	2735	MOJAVE	6.21	.00	.93	.17	.69	3.00	1.10	.06	.20	.00	.00	.00	.00	.00
26 W01577900	38.004	119.151	6450	MOND LAKE	12.37	1.17	1.67	.57	2.54	3.21	.73	.20	.94	.19	.00	.00	.00	.00
70 U05578611	33.843	118.119	47	MONTANA RANCH	17.26	.33	3.58	1.44	3.08	6.54	2.25	.00	.00	.00	.00	.00	.00	.00
70 U05578731	34.011	118.104	215	MONTFELLO FD	18.78	.08	2.39	2.07	4.38	6.88	2.99	.00	.05	.00	.00	.00	.00	.00
42 T15578811	34.440	119.631	250	MONTECITO M C OF SA3 S	27.24	.25	8.31	.93	7.02	9.37	3.43	.01	.00	.00	.00	.00	.00	.00
42 T15578860	34.450	119.616	500	MONTECITO LATHIN	32.44	.11	7.95	1.00	7.90	11.07	3.93	.08	.19	.07	.00	.00	.00	.00
70 U04579011	34.077	118.693	600	MONTE NIDO	29.35	.30	4.45	1.69	6.73	13.14	3.04	.01	.00	.00	.00	.00	.00	.00
70 U05580051	34.040	118.128	305	MONTEREY PARK FS	20.19	.07	3.37	2.60	3.45	7.33	3.35	.00	.00	.00	.00	.00	.00	.00
90 Z07590941	32.815	117.141	350	MONTGOMERY FIFLD	12.62	.60	3.50	1.63	1.98	2.29	2.68	.10	.03	.00	.00	.00	.00	.00
56 V03582300	34.278	118.476	570	MOORPARK 1 5SF	16.21	.30	2.40	1.20	3.92	6.31	2.69	.00	.00	.00	.00	.00	.00	.00
56 V03582500	34.258	118.448	635	MOORPARK 3 5F	13.75	.26	1.70	.68	3.58	6.03	1.72	.00	.00	.00	.00	.00	.00	.00
56 V03582600	34.724	118.494	1050	MOORPARK 3 NNW	17.00	-1.45	3.67	1.31	5.14	7.47	2.09	.00	.04	.00	.00	.00	.00	.00
90 T11584000	32.486	116.252	3090	MORENA DAM (N4) - 5D00	21.92	2.46	2.96	2.83	2.44	3.43	6.72	.29	.21	.00	.00	.00	.00	.00
40 T10584600	35.366	120.450	115	MORRO HAY FIRE DEPT	27.51	1.94	4.42	2.39	7.61	7.16	3.64	.03	.25	.00	.00	.00	.00	.00
40 T10584900	35.416	120.450	70	MORRO HAY 1 N	27.65	2.38	3.46	1.97	9.16	6.73	3.51	.00	.44	.00	.00	.00	.00	.00
70 U05587100	34.181	117.478	1210	MORRIS DAM FC 390R	31.94	.66	4.20	2.54	5.29	13.43	5.64	.00	.17	.01	.00	.00	.00	.00
36 W12599000	35.466	115.533	4670	MOUNTAIN PASS	12.80	.31	2.08	1.52	1.17	3.01	3.35	.00	.04	.00	.00	.00	.00	.00
70 Y01590800	34.230	117.458	4275	MT BALDY FC 85F	4.60	.80	6.00	2.71	5.43	19.61	7.82	.37	.64	.02	.00	.00	.00	.00
90 Z25945000	32.866	116.416	6200	MT LAGUNA CAA	9.58	2.90	4.60	.70	.23	.57	.56	.01	.01	.00	.00	.00	.00	.00
70 U05596601	34.224	118.109	450	MT LOVE	37.25	.11	4.73	3.27	6.47	16.57	6.10	.00	.00	.00	.00	.00	.00	.00
70 U05596701	34.267	118.236	5025	MT LUKENS	20.22	.31	2.49	1.45	3.08	9.31	3.60	.00	.00	.00	.00	.00	.00	.00
70 U05597608	34.044	117.844	755	MT SAN ANTONIO COL	20.53	.94	3.21	1.94	3.87	6.53	3.90	.00	.00	.00	.00	.00	.00	.00
33 X19597900	33.400	118.633	8417	MT SAN JACINTO-WILD ST	28.70	1.73	3.66	3.35	4.24	6.70	7.20	.00	.00	.00	.00	.00	.00	.00
70 U05597921	34.086	118.482	1025	MOUNT ST MARYS COLLEGE	27.30	.67	4.55	2.18	6.13	10.01	3.73	.00	.00	.00	.00	.00	.00	.00
70 U05600305	34.224	118.058	5650	MOUNT WILSON OBSERVATORY	38.95	.62	2.95	2.52	4.98	20.83	8.96	.05	.33	.00	.00	.00	.00	.00
70 U05600600	34.226	118.045	5700	MOUNT WILSON-AIRWAYS	47.81	.59	5.47	3.71	5.99	22.63	9.25	.11	.00	.00	.00	.00	.00	.00
70 V26603411	34.713	118.354	2600	MUNZ VALLEY RCH	11.13	.00	1.50	.44	1.77	5.44	1.89	.07	.30	.00	.00	.00	.00	.00
90 Z07603931	32.780	117.043	520	MURRAY DAM	12.86	.86	2.79	1.76	1.99	2.57	2.72	.17	.00	.00	.00	.00	.00	.00
33 Z02604200	33.563	117.222	1131	MURRIETA - S.C.S. OFFI	13.72	.15	2.31	.87	2.00	5.03	3.36	.00	.00	.00	.00	.00	.00	.00
40 T09605600	35.766	120.493	770	NACIONIENTO DAM	24.30	3.01	4.95	.88	6.23	6.77	2.64	.00	.00	.00	.00	.00	.00	.00
90 Z09608801	32.667	117.111	15	NATIONAL CITY	13.27E	.69	2.66	1.23	1.67	2.88	2.74	1.68	.03	.00	.00	.00	.00	.00
36 X13611500	34.766	114.764	490	NEEDLES	.00	.00	.98	.00	.17	.54	.00	.12	.00	.00	.00	.00	.00	.00
36 X13611800	34.766	114.614	913	NEEDLES FAA AP	4.72	.90	1.04	.16	.12	.82	1.30	.06	.00	.00	.00	.00	.00	.00
56 V03614700	34.188	119.950	885	NEWRURY PARK 2 WNW	19.43	.39	2.93	1.70	4.13	7.27	3.01	.00	.00	.00	.00	.00	.00	.00
42 T12615650	34.950	119.683	2169	NEW CUYAMA HWY MAINT S	9.70	1.27	1.73	.50	2.41	1.69	2.00	.00	.00	.00	.00	.00	.00	.00
56 U03615911	34.402	118.736	675	NEWHALL RANCM	20.75	.07	3.08	1.10	4.57	8.35	3.30	.00	.26	.00	.00	.00	.00	.00
70 U03616200	34.385	118.453	1243	NEWHALL SOLEDAID 3PC	21.12	.64	2.94	.92	4.42	10.00	2.90	.00	.00	.00	.00	.00	.00	.00
30 Y01617500	33.402	117.490	8	NEWPORT BEACH HARBO	14.39	.22	2.79	1.02	4.01	4.33	1.99	.03	.00	.00	.00	.00	.00	.00
70 U05618912	34.106	118.358	478	NICHOLS DERRIS BASIN	23.97	.00	3.50	2.05	4.73	10.07	3.55	.00	.00	.00	.00	.00	.00	.00
13 X26197000	33.283	115.516	.55	NILAND	.00	.00	.39	.00	.00	.00	.44	.00	.00	.00	.00	.00	.00	.00
40 T12620700	35.066	120.450	360	NIPOMO 2 NW	25.59	.92	4.88	2.43	6.46	6.21	3.90	.03	.01	.02	.00	.00	.00	.00
33 Y01621511	33.943	117.554	650	NORCO	13.13	.28	2.10	1.64	2.15	3.94	3.00	.00	.00	.00	.00	.00	.00	.00
70 U05625600	34.154	118.365	619	NORTH HOLLYWOOD	21.78	.05	3.18	1.61	4.07	9.70	3.14	.00	.00	.00	.00	.00	.00	.00
70 U05627011	34.231	118.451	810	NORTHRIDGE-LAMP W.VALL	17.98	.20	2.18	1.10	3.81	7.81	2.88	.00	.00	.00	.00	.00	.00	.00
33 X19627520	33.520	115.976	-180	NORTH SHORE	2.60	.82	.61	.00	.10	.65	.60	.00	.00	.00	.00	.00	.00	.00
70 U05628211	33.897	118.066	85	NORWALK	21.08	1.26	3.21	4.52	3.36	6.48	2.25	.00	.00	.00	.00	.00	.00	.00
33 Y01629290	33.817	117.131	1440	NUVIEW - CDF FIRE STA	14.01	.41	2.17	1.24	2.60	4.30	3.11	.04	.01	.01	.00	.00	.00	.00
70 U05631051	34.196	118.174	1080	OAK GROVE	26.67	.21	3.47	2.31	3.97	12.53	4.18	.00	.00	.00	.00	.00	.00	.00
56 U02635311	34.394	119.100	505	OKAVIEW	34.86	.22	6.02	1.14	8.81	15.38	3.25	.04	.00	.00	.00	.00	.00	.00
70 U05635511	34.244	118.180	2000	OKAWILDE PHILLIPS	24.39	.23	3.36	2.46	3.47	11.06	3.83	.00	.00	.00	.00	.00	.00	.00
33 X19635601	33.493	116.112	170	OLAIS	2.35	.55	.67	.00	.04	.47	.52	.00	.00	.00	.00	.00	.00	.00
90 Z03637700	33.198	117.377	84	OCEANSIDE-CITY FIFD DE	12.25	.92	2.63	1.19	2.19	2.66	2.62	.00	.03	.00	.00	.00	.00	.00
90 Z02637711	33.211	117.399	60	OCEANSIDE-CAMP PENDLE	12.22E	.92	2.63	1.19	2.16	2.60	2.62	.00	.03	.00	.00	.00	.00	.00
90 Z03637900	33.210	117.352	30	OCEANSIDE PUMP PLANT-R	10.04E	.43	2.38	.98	.96	2.28	3.01	.00	.00	.00	.00	.00	.00	.00
90 Z26383000	33.150	116.133	170	OCOTILLO WFLLS	2.91E	.73	.51	.12	.05	1.03	.47	.00	.00	.00	.00	.00	.00	.00
13 X26390000	32.750	116.000	415	CLOTILLO 2	3.18	1.49	.32	.10	.13	.49	.23	.00	.00	.00	.00	.00	.00	.00
56 U02639900	34.446	119.241	750	OJAI-V.C. FIRE STA	31.94	.26	4.58	1.13	8.57	13.54	3.79	.02	.00	.05	.00	.00	.00	.00
70 U03643275	34.325	118.448	1425	OLIVE VIEW	23.83	.47	2.32	2.24	4.19	10.88	3.65	.06	.01	.01	.00	.00	.00	.00
70 U03646500	34.255	118.494	4250	OLDS CAMP FC 57HE	49.71	.92	6.16	2.86	5.25	25.83	7.44	.11	.02	.00	.00	.00	.00	.00
70 Y01647300	33.835	117.889	650	ORANGE COUNTY RES	17.53	.24	3.58	1.83	3.17	5.46	3.25	.00	.00	.00	.00	.00	.00	.00
70 U03648670	34.324	118.578	2850	ORCUTT RANCM-W														

TABLE A-1 (CONT)  
MONTHLY PRECIPITATION

SOUTHERN CALIFORNIA

WATER YEAR 1972-73

CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	TOTAL OCT. 1 THROUGH SEPT. 30	PRECIPITATION IN INCHES											
						1972			1973								
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.
3A 14669900	34.283	114.166	734	PARKER RESERVOIR	7.57	1.92	1.55	.34	.12	1.06	2.15	.00	.13	.00	0.00	0.10	0.00
7A 005671900	34.144	118.143	864	PASADENA CITY HALL-P.W.	25.40	.25	3.51	2.25	4.09	11.15	4.34	.03	.07	.06	0.00	0.03	0.00
7A 005671902	34.137	118.123	795	PASADENA CAL TECH	26.25	.18	4.09	2.40	4.35	11.52	3.71	.00	.00	.00	0.00	0.00	0.00
7A 005671903	34.207	118.164	1141	PASADENA CHLORINE PLT	24.17	.20	3.50	2.79	4.17	14.06	4.19	.00	.00	.14	0.00	0.00	0.00
7A 005671908	34.129	118.153	740	PASADENA-HUBBLART FS	23.65	.24	4.00	2.35	3.77	10.34	2.91	.04	.00	.00	0.00	0.00	0.00
7A 005671910	34.147	118.087	705	PASADENA-JUNODAN	26.02	.09	3.56	2.13	3.49	12.27	3.95	.02	.01	.05	0.00	0.00	0.00
7A 005671918	34.177	118.165	1050	PASADENA-SHELDON RES	27.59	.25	3.76	2.36	4.27	12.31	4.32	.04	.03	.13	0.00	0.00	0.00
4A 109673000	35.633	120.693	700	PASO ROMBLE	22.81	1.68	4.14	.85	6.54	6.95	2.60	.01	.06	.00	0.00	0.00	0.00
4A 109673600	35.693	120.750	1040	PASO ROMBLE S NW	.00	1.14	4.99	.38	7.45	.00	.00	.00	.05	.00	0.00	0.00	0.10
4A 109674200	35.666	120.633	803	PASO ROMBLE FAA AP	20.55	1.56	3.39	.52	5.17	6.96	2.71	.00	.04	.00	0.00	0.00	0.00
33 202675666	33.450	117.043	1500	PAUBA RANCH	16.47	.51	2.88	1.64	2.44	4.19	4.76	.00	.00	.00	0.00	0.00	0.00
9A 204477200	33.183	117.177	824	PECHSTEIN OBSERVISTA I.	.00	.73	3.41	2.53	3.25	3.83	.00	.17	.10	.10	0.00	0.00	0.00
33 Y01677601	33.975	117.490	695	PEDLEY FIRE STA	14.05	.31	2.16	1.82	2.51	4.44	3.15	.03	.03	.00	0.00	0.00	0.00
33 Y02681610	33.793	117.233	1471	PERRIS	.00	.47	1.31	.74	3.79	1.91	.00	.00	.00	.00	0.00	0.00	0.00
33 Y02681610	33.849	117.164	1582	PERRIS DAM	7.94	.47	1.10	.47	1.84	2.26	1.54	.00	.00	.00	0.00	0.00	0.00
33 Y02681811	33.786	117.229	1440	PERRIS - CNF HDQ	13.39	.67	1.94	.74	3.79	3.50	2.63	.00	.00	.02	0.00	0.03	0.00
33 Y02681816	33.834	117.199	1448	PERRIS RES EVAP	.00	.72	1.70	.54	2.02	2.63	1.80	.00	.00	.00	0.00	0.00	0.00
4A 109682800	35.598	120.563	906	PETPSEN CANAL	37.22	4.46	5.24	4.50	11.27	8.55	3.01	.08	.02	.00	0.00	0.00	0.27
7A 005685001	34.220	118.229	1600	PICKENS DENNIS HAS	30.78	.16	3.64	2.64	5.66	13.61	4.94	.12	.01	.19	0.00	0.00	0.00
5A 003486200	34.500	119.165	1005	PIEDRA BLANCA G S	30.15	.35	5.32	.79	6.45	17.93	3.31	.00	.00	.00	0.00	0.00	0.00
3A 002868601	34.271	117.281		PILOT ROCK EVAP	.00	1.24	6.10	3.22	3.36	16.09	9.34	.10	.15	.00	0.00	0.00	0.00
7A 003489100	34.474	118.430	3290	PINE CANYON RAT STN	22.54	.17	2.47	.80	3.22	11.55	3.49	.24	.20	.00	0.00	0.00	0.00
7A 002689112	33.758	116.739	4200	PINE COVE-CDF FIRE STA	36.58	2.18	4.74	5.17	3.95	6.85	11.73	.63	.37	.00	0.00	0.97	0.00
56 103491000	34.609	119.164	4200	PINE MOUNTAIN INN	30.90	.50	6.40	1.00	6.40	13.00	3.30	.00	.10	.00	0.00	0.00	0.00
9A 211691101	32.833	116.550	3700	PINE VALLEY	30.33F	2.78	3.42	3.68	3.16	5.39	10.84	.45	.19	.00	0.00	0.00	0.00
5A 003694000	34.406	118.759	730	PIRU 2 ESE-CAMULOS RM	20.24	.04	2.73	1.05	4.40	8.74	2.94	.00	.12	.00	0.00	0.00	0.00
5A 003694002	34.513	118.757	1150	PIRU CANYON-AHO LAKE P	23.10	.01	4.22	.69	5.74	9.32	3.12	.00	.00	.00	0.00	0.00	0.00
4A 110694300	35.133	120.633	80	PISMO BEACH	25.49	2.83	5.31	1.54	6.67	5.38	3.95	.00	.09	.00	0.00	0.00	0.10
7A 006959803	34.650	117.448	2680	PLUTE HUTTF	7.84	.12	4.44	.64	1.08	2.56	1.62	.00	.07	.00	0.00	0.25	0.00
5A 003609051	34.377	118.474	1490	PLACERIA CANYON	22.88	.08	2.71	1.01	4.05	11.62	3.41	.00	.00	.00	0.00	0.00	0.00
7A 002698341	34.450	117.932	3994	PLFASANT VIEW	10.11	.36	1.47	.65	1.49	4.20	1.90	.00	.00	.00	0.00	0.00	0.00
4A 115701000	34.577	120.650	76	POINT ARGUELLO-LIGHT S	22.27	.39	4.28	1.39	6.64	7.08	2.17	.05	.09	.01	0.00	0.00	0.17
7A 107020400	35.666	121.283	59	PT PIENRAS PLACASAS	27.53	1.94	6.81	1.08	8.33	6.27	3.03	.07	.00	.00	0.00	0.00	0.00
7A 005703611	33.741	118.410	125	POINT VICENTE L H	12.57	.76	2.83	.79	2.50	3.47	1.94	.00	.15	.05	0.00	0.06	0.02
7A 005705000	34.066	117.727	855	POMONA	23.49	1.19	2.98	2.34	4.04	8.84	4.05	.01	.01	.00	0.00	0.02	0.01
7A 001705001	34.054	117.750	876	POMONA FIRE STATION	17.51	.34	2.74	2.26	3.80	4.62	3.75	.00	.00	.00	0.00	0.00	0.00
7A 005710351	34.043	118.891	285	POTHRON HEIGHTS	20.66	.09	3.52	2.49	3.99	7.77	2.79	.00	.02	.00	0.00	0.00	0.00
4A 206711010	32.950	117.062		POWAY CO RD STA	14.12E	1.12	2.97	1.81	2.22	2.30	3.51	.19	.00	.00	0.00	0.00	0.00
9A 206711015	32.964	117.059		POWAY-HENSHAW	15.25E	1.24	3.67	1.80	2.13	2.42	3.70	.20	.09	.00	0.00	0.00	0.00
9A 206711100	32.950	117.066	440	POWAY VALLEY	16.34	1.39	3.69	1.94	2.39	2.57	3.94	.20	.08	.02	0.00	0.12	0.00
33 Y01712300	33.890	117.635	560	PRADO DAM	18.23	.25	2.95	2.28	3.10	5.25	4.38	.00	.00	.00	0.00	0.02	0.00
7A 005712311	34.341	117.693	6680	PRARIE FORKS	28.12	.72	3.15	1.91	4.14	9.99	7.01	.00	.10	.00	0.00	0.00	0.00
7A 005716001	34.091	117.804	1030	PUDDINGSTONE DAM	20.87	.70	2.57	2.41	4.11	7.02	4.12	.00	.01	.00	0.00	0.03	0.00
7A 005716103	33.954	117.922	725	PUEBLO HILLS-WEISEL	20.67	.96	3.88	2.01	3.67	6.69	3.46	.00	.04	.00	0.00	0.06	0.00
33 Y02717870	33.703	117.235	1590	QUAIL VALLEY	13.49	.47	2.13	1.15	2.45	4.20	3.01	.00	.00	.00	0.00	0.00	0.00
33 Y02722101	33.476	117.275	1390	RAILROAD CANYON DAM-T.	12.30	.65	2.02	1.04	2.25	3.55	2.75	.00	.00	.00	0.00	0.00	0.00
33 Y02722205	33.447	117.132	1330	RAINBOW COTTAGE - MAD	19.65	.73	3.12	2.45	3.06	5.00	5.04	.15	.05	.03	0.00	0.00	0.00
9A 202722251	33.411	117.148	1045	RAINBOW SCHOOL VALLECI	3.32E	.00	3.32	.00	.00	.00	.00	.00	.00	.00	0.00	0.00	0.00
9A 205723050	33.043	116.858	1460	RANCHO - SD CO ROAD ST-W	19.03E	1.30	4.10	2.25	2.58	3.23	5.24	.24	.07	.00	0.00	0.00	0.00
9A 205723100	33.077	116.848	1480	RANCHO - SPAULDING	20.45	1.38	4.21	2.25	2.81	3.51	5.58	.30	.19	.10	0.00	0.02	0.00
9A 205724400	33.276	116.520	4110	RANCHITA - GOVERNMENT	12.85E	1.22	2.46	1.13	1.13	2.52	3.55	.14	.15	.00	0.00	0.00	0.00
5A 205725300	35.366	117.650	3522	RANOSRUO	5.49	.00	1.02	.17	.70	2.60	1.09	.00	.28	.00	0.00	0.00	0.00
33 Y01728401	33.974	117.220	2030	RECHE CANYON	16.57	.19	2.27	2.02	2.42	5.31	4.02	.10	.02	.02	0.00	0.00	0.00
36 Y01730600	34.052	117.191	1318	REGLANDS-DAILY FACTS	15.88	.94	2.14	1.64	2.51	4.55	3.96	.12	.10	.00	0.00	0.02	0.00
7A 005732400	33.845	118.388	70	REONDO BEACH-CITY HAI	13.40	.36	2.98	1.24	3.04	3.48	2.65	.00	.00	.00	0.00	0.03	0.00
4A 003740311	34.435	119.113	1560	RICHFIELD OIL	35.19	.13	5.12	.94	6.47	18.19	3.85	.21	.04	.00	0.00	0.00	0.01
7A 003742501	34.676	118.781	2500	RIDGE ROUTE MAINT STA	17.84	.00	3.49	.23	3.28	8.57	2.28	.00	.01	.00	0.00	0.00	0.00
33 X22744771				RILFV F C STA	6.70	2.95	.85	.04	1.10	1.38	1.30	.00	.00	.00	0.00	0.08	0.00
33 Y01746901	34.002	117.377	820	RIVERSIDE-RCFC+WCD OFF	13.45	.17	2.38	1.45	2.11	4.35	2.74	.00	.02	.01	0.00	0.02	0.00
33 Y01747000	33.950	117.400	820	RIVERSIDE FIRE STN 3	.00	.00	1.90	1.30	1.12	3.64	2.14	.00	.00	.00	0.00	0.00	0.00
33 Y01747300	33.966	117.334	1015	RIVERSIDE CITRUS EXP	12.34	.16	2.03	1.34	1.92	4.02	2.87	.00	.00	.00	0.00	0.02	0.00
7A 005749110	34.224	117.920	4100	ROBERTS CANYON	46.12	1.37	6.06	2.54	6.59	21.53	7.76	.00	.21	.06	0.00</		



TABLE A-1 (CONT)  
MONTHLY PRECIPITATION  
SOUTHERN CALIFORNIA

WATER YEAR 1972-73

CO. STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	PRECIPITATION IN INCHES												
					TOTAL OCT. 1 THROUGH SEPT. 30	1972			1973								
						OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.
70 005774200	34.313	118.491	1244	SAN FRANCISCO PK NO 3	22.18	.13	2.63	2.14	4.51	9.58	3.17	.00	.00	.00	0.00	0.00	0.00
70 005777300	34.533	118.524	1540	SAN FRANCISCO 2	19.43	.21	2.45	1.21	3.24	9.10	3.44	.00	.00	.00	0.00	0.00	0.00
70 005777530	34.105	118.108	472	SAN GABRIEL ARLINGTON	25.48	.09	3.90	2.28	3.40	11.74	3.37	.00	.00	.00	0.00	0.00	0.00
70 005777551	34.236	117.405	1600	SAN GABRIEL CYN EFK 2	32.43	.42	3.63	2.16	5.47	14.36	6.01	.10	.00	.00	0.00	0.00	0.00
70 005777600	34.156	117.947	744	SAN GABRIEL CYN PH	29.16	1.03	3.74	2.37	4.85	11.78	5.00	.00	.00	.00	0.00	0.00	0.00
70 005777900	34.205	117.860	1481	SAN GABRIEL DAM	36.24	.45	4.53	2.97	6.40	15.35	6.35	.01	.25	.03	0.00	0.00	0.00
70 005777925	34.205	117.860	1481	SAN GABRIEL DAM-LAKE P	36.24	.45	4.53	2.97	6.40	15.35	6.35	.01	.25	.03	0.00	0.00	0.00
70 005778500	34.103	118.094	450	SAN GABRIEL FIRE DPT	24.46	.08	3.63	2.30	3.91	10.44	3.70	.00	.00	.00	0.00	0.00	0.00
33 002781000	33.787	116.968	1535	SAN JACINTO - JOHANSEN	12.93	.76	2.16	1.33	2.34	3.36	2.94	.05	.00	.00	0.00	0.00	0.00
33 002781100	33.795	117.000	1500	SAN JACINTO RES. - M.W.	12.79	.51	2.25	1.32	2.21	3.67	2.76	.00	.04	.03	0.00	0.00	0.00
33 002781300	33.786	116.958	1500	SAN JACINTO RES. - R	.00-	.70	2.10	1.30	.00-	3.30	3.00	.00	.10	.00	0.00	0.00	0.00
40 010785100	35.300	120.666	300	SAN LUIS OHSPO POLY	40.04	2.72	6.79	2.00	13.83	9.67	4.94	.00	.00	.00	0.00	0.00	0.00
90 004785800	33.148	117.197	580	SAN MARCOS-CO RD STA-P	13.12E	.60	2.17	1.81	2.10	2.80	3.50	.14	.00	.00	0.00	0.00	0.00
42 014785900	34.511	119.423	2300	SAN MARCOS PASS	-51.71	1.10	10.20	1.31	12.70	20.20	5.20	.10	.00	.10	0.00	0.00	0.20
42 015785900	34.500	119.814	3430	SAN MARCOS PASS TENNEY	45.47	.91	9.77	1.21	10.71	18.06	5.21	.10	.00	.00	0.00	0.00	0.00
56 006787000	33.233	119.450	502	SAN NICOLAS ISLAND-ATP	7.69	.06	1.41	.45	1.33	2.54	1.31	.01	.07	.03	0.01	0.00	0.00
30 001788800	33.744	117.867	115	SANTA ANA FIRE STA	14.71	.35	3.09	1.73	3.10	4.18	2.26	.00	.00	.00	0.00	0.00	0.00
36 001789100	34.104	117.115	1980	SANTA ANA RIVER PH 3	22.44	.74	2.79	2.14	3.46	5.12	7.25	.62	.34	.09	0.07	0.00	0.00
70 005789700	34.208	118.016	2035	SANTA ANITA FEWN LGE	43.56	.96	4.74	3.35	6.97	19.05	7.91	.04	.33	.15	0.00	0.02	0.00
70 005789840	34.214	117.982	4655	SANTA ANITA-SPRING CAM	44.45	1.12	5.48	2.81	6.83	20.82	7.07	.11	.15	.06	0.00	0.00	0.00
42 015790200	34.416	119.700	100	SANTA BARRAPA	23.52	.13	4.57	1.01	6.77	7.34	3.01	.05	.07	.00	0.00	0.03	0.01
42 015790500	34.433	119.874	9	SANTA BARRAPA FAA AP	24.29	.49	6.35	.90	6.15	8.20	2.11	.00	.00	.00	0.00	0.00	0.00
42 015790750	34.450	119.500	300	SANTA BARRAPA PHILLIPS	31.94	.25	8.85	.86	7.20	11.60	3.14	.10	.00	.00	0.00	0.00	0.00
42 015790870	34.400	119.714	200	SANTA BARRAPA WHITEFOX	22.14	.09	4.94	.77	5.54	7.34	3.04	.00	.13	.07	0.00	0.00	0.00
42 014790900	34.525	119.957	4000	SANTA BARRAPA TV PK	39.17	.93	7.03	2.29	7.91	16.63	4.38	.00	.00	.00	0.00	0.00	0.00
70 005792600	34.117	117.973	427	SANTA FE DAM	21.66	.90	3.23	2.15	3.49	8.59	3.10	.00	.00	.00	0.00	0.00	0.00
40 009793000	35.366	120.633	1200	SANTA MARGARITA 2 SW	46.48	4.40	7.17	3.30	12.95	12.29	6.22	.00	.00	.00	0.00	0.00	0.00
40 009793000	35.366	120.633	1100	SANTA MARGARITA RSTM	46.48	4.07	7.35	2.53	13.56	12.19	6.05	.01	.00	.02	0.00	0.00	0.05
42 012794600	34.900	120.450	238	SANTA MARIA WR AP	20.19	.60	4.28	1.14	4.81	6.20	4.02	.00	.00	.01	0.00	0.01	0.00
42 012794640	34.950	120.433	220	SANTA MARIA HWY MAINT	20.17	.60	3.61	1.53	4.41	6.00	3.44	.00	.00	.02	0.00	0.00	0.05
42 012794665	34.900	120.250	800	SANTA MARIA 12 E SMITH	26.57	1.46	5.12	2.22	5.92	7.11	5.00	.00	.05	.00	0.00	0.00	0.00
70 005795010	34.016	118.494	40	SANTA MONICA-OLD CITY	17.44	.13	3.18	2.06	4.11	5.45	2.73	.00	.00	.00	0.00	0.10	0.00
70 005795300	34.007	118.498	15	SANTA MONICA-PIER	16.25	.17	3.18	1.84	3.70	5.19	2.07	.00	.01	.00	0.00	0.00	0.00
56 003795700	34.347	119.079	263	SANTA PAULA-VCFD HQS	23.91	.29	4.70	.95	6.11	9.07	2.78	.00	.01	.00	0.00	0.00	0.00
56 003797300	34.276	118.768	960	SANTA SUSANA AIRPORT	.00-	.07	2.26	.89	3.50	5.84	2.38	.00	.00	.00	0.00	0.00	0.00
42 014797600	34.616	120.100	600	SANTA YNEZ	21.50	1.50	3.50	1.00	4.90	7.40	2.80	.00	.00	.00	0.00	0.00	0.00
42 014797620	34.616	120.064	620	SANTA YNEZ CO HOAN VAR	20.89	.70	3.09	1.13	5.06	7.82	3.09	.00	.00	.00	0.00	0.00	0.00
30 007798700	33.783	117.722	860	SANTIAGO DAM	17.36	1.24	3.48	2.24	3.09	2.55	4.63	.11	.02	.00	0.00	0.00	0.00
33 001798710	33.711	117.532	5660	SANTIAGO PEAK	35.90	.60	4.50	4.60	6.20	10.90	9.00	.10	.00	.00	0.00	0.00	0.00
90 002798900	32.916	116.914	660	SAN VICENTE RES	17.36	1.24	3.48	2.24	3.09	2.55	4.63	.11	.02	.00	0.00	0.00	0.00
56 003800800	34.277	119.202	300	SATICUM-DEL MAR RANCH	22.24	.04	4.43	.84	5.53	8.71	2.67	.00	.00	.00	0.00	0.00	0.00
56 003800800	34.285	119.155	170	SATICUM FIRE STATION	21.65	.05	4.49	.92	5.25	8.23	2.71	.00	.00	.00	0.00	0.00	0.00
70 003801400	34.588	118.452	2105	SAUGHS POWER PLANT 1	22.14	.08	2.85	1.76	3.43	6.60	4.35	.07	.04	.00	0.00	0.00	0.00
70 003801400	34.422	118.573	1086	SAUGHS EDISON STA	15.33	.00	1.49	1.39	2.97	6.64	2.44	.00	.00	.00	0.00	0.00	0.00
70 003801408	34.415	118.547	1150	SAUGHS-NEWHAM	14.94	.01	2.12	.73	3.09	6.80	2.10	.00	.00	.00	0.00	0.00	0.00
70 026820001	34.720	118.583	3700	SAWILL MTN RCH	26.76	.03	4.56	1.03	4.17	12.94	3.71	.23	.09	.00	0.00	0.00	0.00
70 005802212	34.193	117.964	2725	SAWYIT CYN DEER PK	41.25	1.26	4.82	3.23	6.67	17.37	7.16	.13	.39	.22	0.00	0.00	0.00
70 005802214	34.174	117.987	1379	SAWYIT DAM 2	30.87	.36	3.82	2.62	4.99	13.19	5.29	.14	.23	.21	0.00	0.00	0.00
70 005802213	34.056	118.455	345	SAWYILLE-NA MILITARY H	22.99	1.67	3.84	1.07	4.34	7.04	3.22	.00	.00	.00	0.00	0.00	0.00
70 004808800	34.106	118.791	875	SEYMORE HOT SPRINGS-MAL	29.44	.46	4.59	1.56	5.83	13.14	3.84	.00	.00	.00	0.00	0.00	0.00
70 005809200	34.168	118.469	740	SEYULVEDA DAM-C.O.F. R	20.01	.22	3.02	1.14	4.24	8.91	2.44	.00	.00	.00	0.00	0.00	0.00
70 005809201	34.231	118.467	828	SEYULVEDA-GREEN ARROW	19.06	.49	2.49	1.57	3.93	7.85	2.73	.00	.00	.00	0.00	0.00	0.00
70 005809205	34.161	118.466	688	SEYULVEDA DAM-W.R. REC	19.74	.20	2.96	.95	4.27	8.97	2.36	.00	.00	.00	0.00	0.03	0.00
70 005809211	34.130	118.490	1425	SEYULVEDA CYN-MULNILLA	27.53	.35	3.78	1.57	6.08	12.38	3.34	.00	.00	.00	0.00	0.00	0.01
56 002809500	34.424	119.354	660	SELYRY RANCH-STA ANA V	35.35	.00	6.38	1.14	9.39	15.01	3.43	.00	.00	.00	0.00	0.00	0.00
14 009820000			1570	SHOSHONE	.00-	.00-	.53	.05	.84	1.16	1.31	.04	.15	.00	0.00	0.05	0.00
70 005821001	34.176	118.042	1100	SIFRRA MADRE DAM	30.47	.09	3.71	2.29	4.84	13.46	5.89	.00	.00	.15	0.00	0.00	0.00
70 005821006	34.169	118.047	985	SIFRRA MADRE	30.35	.15	3.79	2.26	4.83	13.35	5.83	.00	.00	.08	0.00	0.00	0.00
70 005821007	34.157	118.043	658	SIFRRA MADRE-PEGLER RA	27.15	.19	3.54	2.07	4.27	12.07	4.99	.00	.00	.00	0.00	0.00	0.00
70 005821100	34.163	118.039	700	SIFRRA MADRE PLUMP STA	27.95	.23	3.61	2.00	4.28	12.26	5.44	.00	.00	.00	0.00	0.00	0.00
70 005821111	34.178	118.031	935	SIFRRA MADRE USFS	30.27	.31	3.43	2.24	5.02	13.37	5.45	.00	.00	.10	0.00	0.00	0.00
70 005823000	33.786	118.147	100	SIGNAL HILL FC 415	14.74	.03	3.21	1.37	2.95	3.75	2.43	.00	.00	.00	0.00	0.00	0.00
30 001824300	33.752	117.666	1000	SILVERADO R S	21.33	.28	2.94	2.61	4.16	6.33	5.08	.00	.00	.00	0.00	0.00	0.00
70 005825211	34.102	118.265	455	SILVER LAKE RES	22.07	.05	3.29	2.15	4.06	9.37	3.15	.00	.00	.00	0.00	0.00	0.00
40 011825904	35.366	120.000	SIMMLER MAINT STN	12.60	.37	2.19	.45	3.10	4.24	2.09	.00	.00	.14	.00	0.00	0.00	0.00
42 012426701	34.833	120.166	600	SISQUOC RANCH	21.78	.43	4.05	1.39	4.46	6.03	4.12	.00	.00	.00	0.00	0.00	0.00
33 019431700	33.866	116.683	1940	SNOW CREEK UPPER	13.06	.67	2.31	1.57	2.20	2.75	3.56	.00	.00	.00	0.00	0.00	0.00
70 005833800	34.437	118.293	2250	SOLEDAD CYN-FCKLES	16.88	.23	2.18	.79	2.62	8.35	2.71	.00	.00	.00	0.00	0.00	0.00
56 003834701	34.263	118.996	395	SOMIS-SANDYOR RANCH	18.17	.12</											

TABLE A-1 (CONT)  
MONTHLY PRECIPITATION

SOUTHERN CALIFORNIA

WATER YEAR 1972-73

CO.	STA. NO.	LAT.	LONG.	ELEV.	STATION NAME	TOTAL OCT. 1 THROUGH SEPT. 30	PRECIPITATION IN INCHES												
							1972			1973									
							OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	
70	26P74890	34.381	117.684	7500	TABLE MOUNTAIN	12.62	.95	1.33	1.07	2.15	5.60	.3R	.00	1.04	.00	0.00	0.20	0.00	
70	U65R74351	34.205	117.761	2750	TANBARK FLATS-P5F+RES-	33.4R	.52	3.78	2.56	5.52	14.40	6.00	.1R	.31	.17	0.00	0.04	0.00	
33	Z2P8A4001	33.496	117.149	101R	TEMECULA-CDF FIRE STAT	22.31	.29	3.01	2.16	3.48	5.89	7.03	.06	.00	.00	0.00	0.00	0.00	
56	V03884510	34.474	118.762	1150	TEMECAL GUARD STA-USF	24.45	.08	3.99	1.14	5.4R	10.34	3.3R	.00	.00T	.00	0.00	0.00	0.00	
70	U65R84801	34.104	118.054	404	TEMPLE CITY	22.99	.14	3.20	2.43	4.05	10.09	3.0R	.00T	.00	.00	0.00	0.00	0.00	
56	V02887900	34.464	119.140	1340	TEACHER SCHOOL	30.14	.00T	3.76	.94	6.37	15.09	3.70	.1R	.01	.05	0.00	0.00	0.00	
33	K19889200	33.634	116.161	120	THERMAL FAA AIRPORT -	1.8R	.11	.69	.03	.11	.43	.17	.00	.00	.00	0.00T	.31	0.00	
33	K19889201	33.634	116.163	118	THERMAL AP-CDF FIRE S-	2.12	.17	.40	.04	.02	.59	.34	.00	.00	.00	0.00	0.00	0.36	0.00
56	U03R90500	34.17R	118.849	810	THOUSAND OAKS FC 718	.00-	.16	2.44	.91	4.26	8.09	2.47	.00	.00-	.00	0.00	0.00	0.00	
33	K19890820	33.829	116.397	240	THOUSAND PALMS	2.21	.19	.75	.02	.17	.52	.53	.00	.00	.00	0.00	0.03	0.00	
70	U04R96760	34.084	118.699	745	TOPANGA PATROL STATION	32.69	.42	4.62	1.90	7.68	14.50	3.67	.00	.00	.00	0.00	0.00	0.00	
70	U05897300	33.800	118.333	100	TORRANCE	16.44	.10	4.19	1.51	3.32	4.13	3.1R	.00	.00	.00	0.00	0.01	0.00	
30	Z01R99200	33.657	117.589	970	TRABUCO CANYON	.0-	.30	3.40	2.60	4.40	.00-	.00-	.00	.20	.10	0.00	0.00	0.00	
36	W21003500	35.783	117.383	1695	TRONA	3.87	.21	.36	.00	.71	1.69	.3R	.13	.39	.00	0.00T	0.00	0.00	
42	T15904650	34.450	119.783	160	TUCKER GOODE PARK	32.78	.21	4.40	1.09	7.79	11.46	3.63	.00	.00	.00	0.00	0.00	0.00	
70	U05904700	34.272	118.293	1690	TUJUNGA - PARRA	28.86	.13	3.33	1.49	3.46	11.52	4.58	.12	.03	.09	0.00	0.01	0.00	
70	U05904810	34.786	118.225	1850	TUJUNGA CYN-VNGEL	34.73	.57	3.97	2.43	3.90	18.14	5.72	.00	.00	.00	0.00	0.00	0.00	
70	U03904900	34.388	118.090	4650	TUJUNGA HILL CREEK	17.59	.05	2.45	1.62	2.40	7.57	3.01	.00	.1R	.00	0.06	0.25	0.00	
30	Y01908700	33.731	117.781	118	TUSTIN IRVINE RANCH	14.54	.19	2.84	1.69	3.29	3.83	2.60	.03	.04	.01	0.00	0.00	0.00	
36	X09009900	34.133	116.050	1975	TWENTYNINE PALMS	2.14	.24	.50	.00T	.04	.14	.61	.00T	.00	.00	0.05	0.58	0.00	
42	T12011100	34.983	120.316	582	TWITCHELL DAM	25.87	.53	4.95	1.62	5.43	8.84	4.97	.00	.03	.08	0.00	0.00	0.00T	
70	U05915200	34.089	117.541	430	UGILLIA - WESTWOOD	22.47	.29	3.89	1.94	4.45	8.55	3.15	.00T	.02	.00	0.00	0.00T	0.05	
30	Y01915800	34.132	117.643	1605	UPLAND 3 M-LID GROVES	23.44	.35	2.92	2.57	4.17	8.20	4.97	.1R	.10	.00	0.00	0.00	0.00	
36	Y01916001	34.119	117.679	1508	UPLAND - CADNUM	22.29	.27	2.69	2.35	4.11	7.92	4.85	.10	.00	.00	0.00	0.00	0.00	
70	U05916505	34.120	118.410	867	UPPER FRANKLIN CYN RES	24.44	.17	4.00	1.74	5.23	10.21	2.99	.00T	.01	.00	0.00	0.03	0.02	
90	Z10918210	32.644	116.932	550	UPPER OTAY RES-S.O.U.D.	15.01	1.04	2.5R	2.31	2.51	2.27	3.87	.32	.10	.01	0.00	0.00	0.00	
70	U0591R711	34.124	118.454	943	UPPER STONE CANYON	24.26	.30	3.45	1.45	5.00	10.70	3.10	.00	.00	.00T	0.00	0.00	0.00	
90	Z03923200	33.231	117.017	1390	VALLEY CENTER 2 HME-MW	20.73	.79	3.4R	2.37	3.51	4.35	5.81	.27	.10	.00T	0.00	0.02	0.00	
70	W2P925000	34.450	117.864	3600	VALYERMO	.00-	.00-	1.12	.34	1.29	3.05	1.06	.23	.00	.00	0.00T	0.00T	0.00	
70	W2P925100	34.445	117.950	3700	VALYERMO 9 S	9.47	.32	1.20	.50	1.63	3.60	1.99	.00	.00	.00	0.00	0.43	0.00	
70	U05925900	34.288	118.481	1150	VAN NORMAN LK LWR DAM	22.15	.22	2.44	1.79	4.37	10.12	3.16	.03	.00	.00	0.00	0.00	0.00	
70	U05925920	34.313	118.491	1248	VAN NORMAN LAKE UPPER	21.90	.17	2.56	2.02	4.19	9.82	3.14	.00	.00	.00	0.00	0.00	0.00	
70	U05926000	34.179	118.450	695	VAN NUYS FC 15R	19.35	.36	2.59	1.16	4.08	8.40	2.76	.00	.00	.00	0.00	0.00	0.00	
70	U05927902	33.992	118.440	55	VENICE-LAFO FIRE STAT1	17.76	.85	2.92	2.03	4.10	4.85	2.95	.00	.00	.00	0.00	0.00	0.05	0.01
56	U02928500	34.276	119.291	45	VENTURA	19.42	.00	4.31	.74	5.09	6.97	2.26	.00	.00	.00	0.00	0.00	0.01	
36	W28932500	34.533	117.300	2859	VICTORVILLE PUMR PLT	6.20	1.03	.75	.16	.60	2.03	1.58	.00	.00	.00	0.00	0.05	0.00	
70	U03934500	34.48R	118.141	3135	VINCENT FIRE STN	7.50	.02	.95	.57	1.31	2.90	1.75	.00	.00	.00	0.00	0.00	0.00	
70	U05934601	34.373	117.751	6600	VINCENT GULCH	36.4R	.79	4.21	2.41	6.12	13.58	8.19	.01	1.22	.00	0.00	0.15	0.00	
90	Z05934850	33.162	118.900	2040	VINEYARD RANCH	.0	10.52E	1.30	4.50	3.20	.39	.44	.62	.04	.02	.01	0.00E	0.00E	0.0E
90	Z03937800	33.229	117.229	510	VISTA 2 HNC-FIRE STA 3	16.10	.72	3.19	1.77	2.66	3.39	4.04	.20	.10	.00T	0.00	0.00T	0.00	
70	U04939002	34.020	118.42R	15	ZUMA PEACH	17.22	.09	2.92	1.94	4.44	5.52	2.27	.00	.00T	.00	0.00	0.00T	0.00	
70	U05943100	34.003	117.470	48R	WALNUT PATROL STN	20.73	.95	3.84	1.84	3.58	7.05	3.43	.00	.00T	.00	0.00	0.00	0.00	
90	Z03944700	33.284	116.631	3180	WARGNER SPRINGS-MOT SPR	.00-	1.69	3.55	2.62	.00-	3.42	4.89	.1R	.24	.00	0.00	0.21	0.00	
70	U03944801	33.241	116.662	2894	WARGNER RANCH HOUSE	21.67	1.45	4.35	2.55	2.45	3.92	5.85	.20	.30	.00	0.00	0.60	0.00	
70	U05946401	34.266	118.143	3290	WATERMAN G S	32.72	.54	3.49	2.11	4.58	16.79	4.81	.00T	.00T	.00T	0.00	0.00T	0.00	
70	U05953151	34.128	118.072	547	WEST ARCADIA	25.05	.43	3.68	2.94	4.41	9.51	3.84	.00T	.00	.00	0.00	0.00	0.00	
70	U05953171	34.114	117.915	505	WEST AZUSA	24.12	1.77	3.3R	2.22	4.36	8.53	3.86	.00	.00T	.00	0.00	0.00	0.00	
33	Y0195R701	34.013	117.444	925	WEST RIVERSIDE	14.71	.41	2.34	1.7R	2.47	4.65	3.05	.00	.00	.00	0.00	0.01	0.00	
26	W05963200	37.500	118.183	150	WHIT MOUNTAIN 1	10.94	2.42	1.14	.45	1.96	1.78	1.67	.04	.35	.21	0.14	0.78	0.00	
26	W03963300	37.583	118.233	2470	WHITE MOUNTAIN 2	22.92	4.64	2.09	1.73	6.01	2.04	2.32	.90	.91	.81	0.1R	1.29	0.00T	
70	U05968000	33.974	118.032	320	WHITTIER CITY FALL	20.17	.80	3.95	1.88	3.46	7.09	2.77	.00	.02	.00	0.00	0.00	0.00T	
70	U05966600	34.020	118.064	250	WHITTIER N4900S DAM	19.97	.08	3.56	2.25	4.09	7.05	2.94	.00	.00	.00	0.00	0.00	0.00	
33	X19966920	33.933	116.383	1600	WIDE CANYON-COACHELLA	4.03	.40	1.08	.04	.25	1.11	1.07	.00	.00	.00	0.00	0.04	0.00	
14	Z02967100	38.250	117.233	4100	WILDOOSE RANGER STA	16.02	1.2R	1.11	.10	.95	3.68	6.35	1.81	.41	.05	0.00T	0.30	0.00	
33	Z02967545	33.592	117.269	1237	WILDOMAR - BROWN	15.39	.23	2.62	1.11	2.83	4.47	3.8R	.02	.02	.00	0.00	0.00	0.00	
33	Y01967555	33.501	117.789	1011	WILD ROSE 9CM CFL	14.71	.67	2.27	1.54	2.84	4.47	2.91	.02	.00	.00	0.00	0.00	0.00	
70	U05970122	33.790	118.25R	40	WILMINGTON-P	15.10	.12	3.84	1.31	3.28	4.11	2.40	.00	.00	.00	0.00	0.04	0.00	
33	Y01977420	33.897	117.329	1500	WOODCREST PHENOA DAM	10.87	.40	1.41	1.02	1.47	3.35	2.73	.00	.00	.00	0.00	0.00	0.00	
70	U05974400	04.000	116.093	1070	WOODLAND HILLS	20.89	.2R	2.81	.94	3.73	10.80	2.33	.00	.00	.00	0.00	0.00	0.00	
30	Y05984700	33.900	117.814	405	YORBA LINDA	17.44	.2R	3.94	1.86	2.89	5.33	3.05	.00T	.06	.00	0.00	0.00	0.01	

Appendix B  
SURFACE WATER MEASUREMENTS





Appendix B  
**SURFACE WATER MEASUREMENTS**

This appendix presents surface water data for Southern California from October 1, 1972 through September 30, 1973. The locations of the measurement stations are shown in Figure B-1 through B-6. These data consist of summary tables of annual unimpaired runoff from major streams (Table B-1), daily mean discharge (Table B-2), diversions from the Colorado River (Figure B-7), imported water (Figure B-8), and monthly water content of major reservoirs (Table B-3).

Each station in this appendix has been identified by a six-character number, i.e., Z-6-1300. The letter designates the hydrographic area in which the station is located. The first digit designates the hydrologic unit or river basin. The second digit designates the particular stream or reach of stream in the river basin. The last three digits identify a particular station, being assigned to each station in numerical order upstream from the mouth. Station numbers have been assigned according to the Department of Water Resources Bulletin 157 "Index of Stream Gaging Stations In and Adjacent to California, 1970".

In addition to data collected and published by the Department of Water Resources in this appendix, the United States Geological Survey collects and publishes data on many additional gaging stations in Southern California. This work is done under a Federal-State cooperative contract, or through similar arrangements with other local or government agencies. Other governmental agencies also collect and publish surface water data. The data published in the following reports together with this report present a comprehensive picture of the surface water quantities in Southern California:

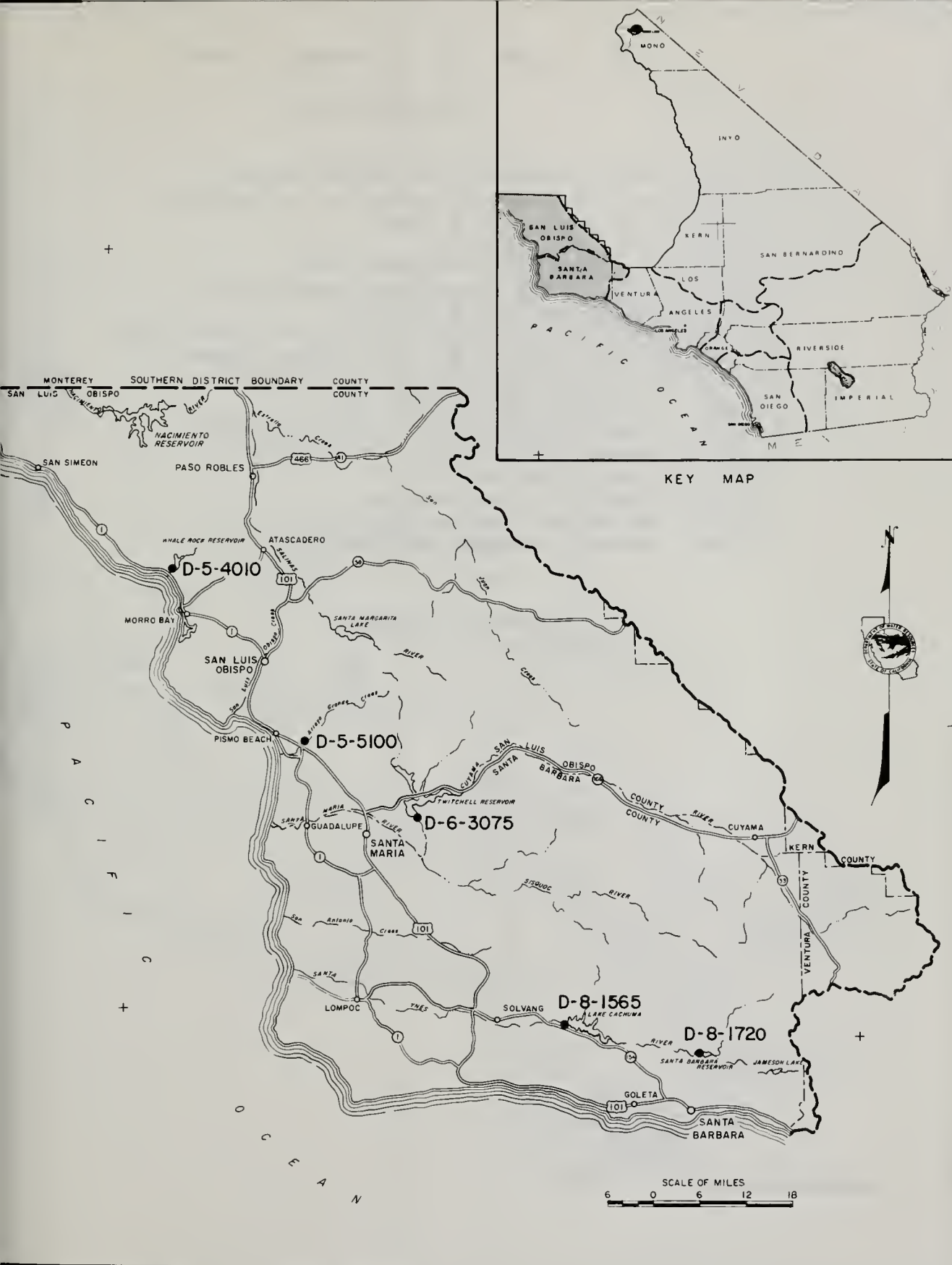
1. "Water Resources Data For California, Part 1 - Surface Water Records, Volume 1: Colorado River Basin, Southern Great Basin, and Pacific Slope Basins Excluding Central Valley"  
United States Department of the Interior, Geological Survey
2. "Bulletin No. 120, Water Conditions in California"  
California Department of Water Resources
3. "Bulletin No. 178, Watermaster Service in the Raymond Basin, Los Angeles County"  
California Department of Water Resources
4. "Biennial Report on Hydrologic Data"  
Los Angeles County Flood Control District
5. "Annual Hydrology Report"  
Orange County Flood Control District
6. "Biennial Report, Hydrologic and Climatic Data"  
San Bernardino County Flood Control District
7. "Hydrology Report"  
San Diego County Department of Sanitation and Flood Control
8. "Western Water Bulletin, Flows of the Colorado River and Other Western Boundary Streams and Related Data"  
International Boundary and Water Commission

SURFACE WATER MEASUREMENT STATIONS

CENTRAL COASTAL AREA

D-5-4010	Whale Rock Reservoir at Cayucos
D-5-5100	Arroyo Grande at Arroyo Grande
D-6-3075	Twitchell Reservoir near Santa Maria
D-8-1565	Lake Cachuma near Santa Ynez
D-8-1720	Gibraltar Reservoir near Santa Barbara



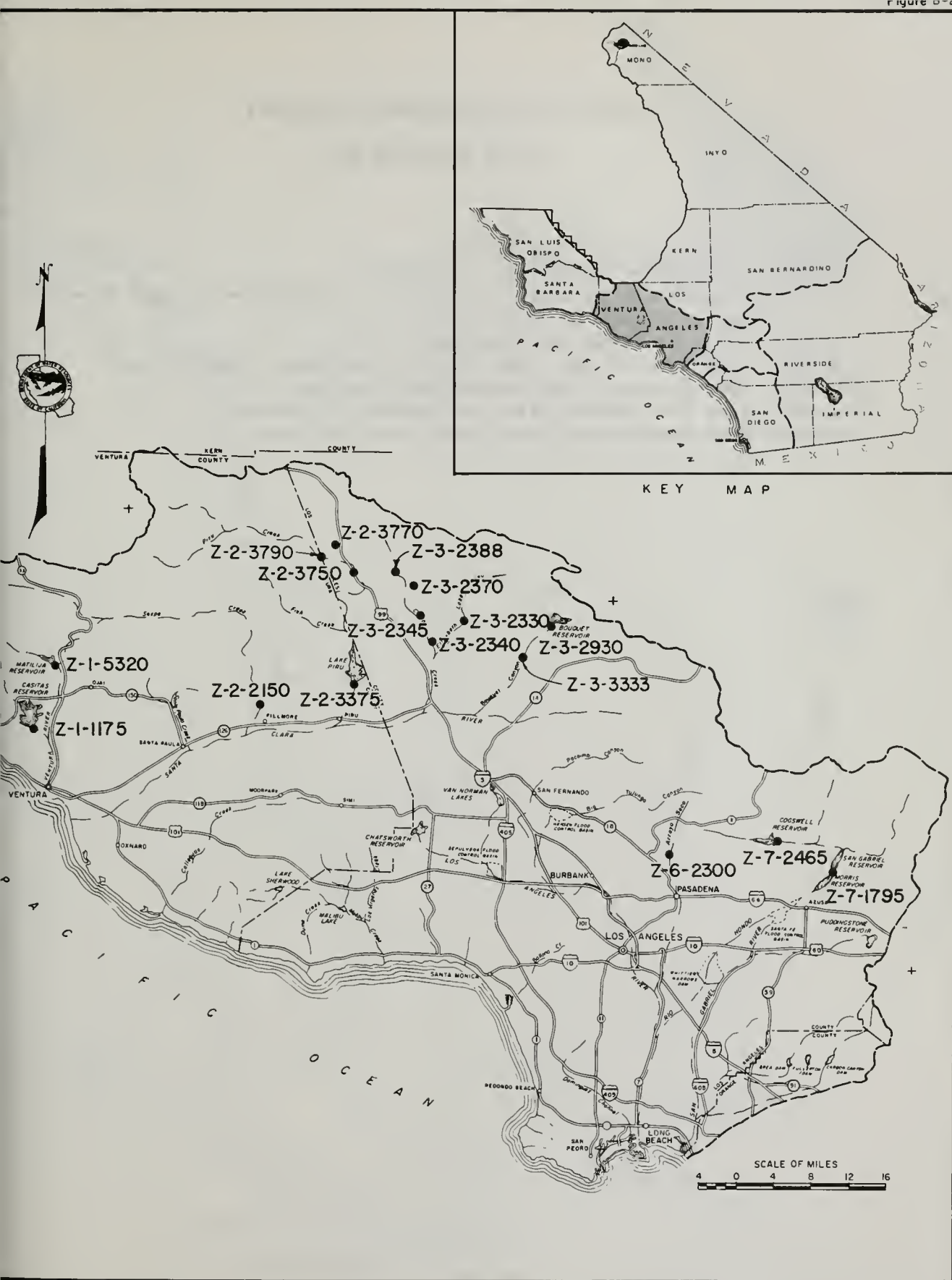


LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
CENTRAL COASTAL AREA

SURFACE WATER MEASUREMENT STATIONS

LOS ANGELES AREA

Z-1-1175 Casitas Reservoir near Casitas Springs  
Z-1-5320 Matilija Reservoir at Matilija Hot Springs  
Z-2-2150 Sespe Creek near Fillmore  
Z-2-3375 Lake Piru near Piru  
Z-2-3750 Piru Creek above Frenchmans Flat  
Z-2-3770 Canada De Los Alamos below Apple Canyon  
Z-2-3790 Piru Creek below Buck Creek  
Z-3-2330 Elizabeth Lake Canyon Creek above Castaic Creek  
Z-3-2340 Necktie Canyon Creek above Castaic Creek  
Z-3-2345 Elderberry Canyon Creek above Castaic Creek  
Z-3-2370 Fish Creek above Castaic Creek  
Z-3-2388 Castaic Creek One Mile above Fish Creek  
Z-3-2930 Bouquet Reservoir near Green Valley  
Z-3-3333 Castaic Afterbay Parshall  
Z-6-2300 Arroyo Seco near Pasadena  
Z-7-1795 San Gabriel Reservoir near Azusa  
Z-7-2465 Cogswell Reservoir near Monrovia

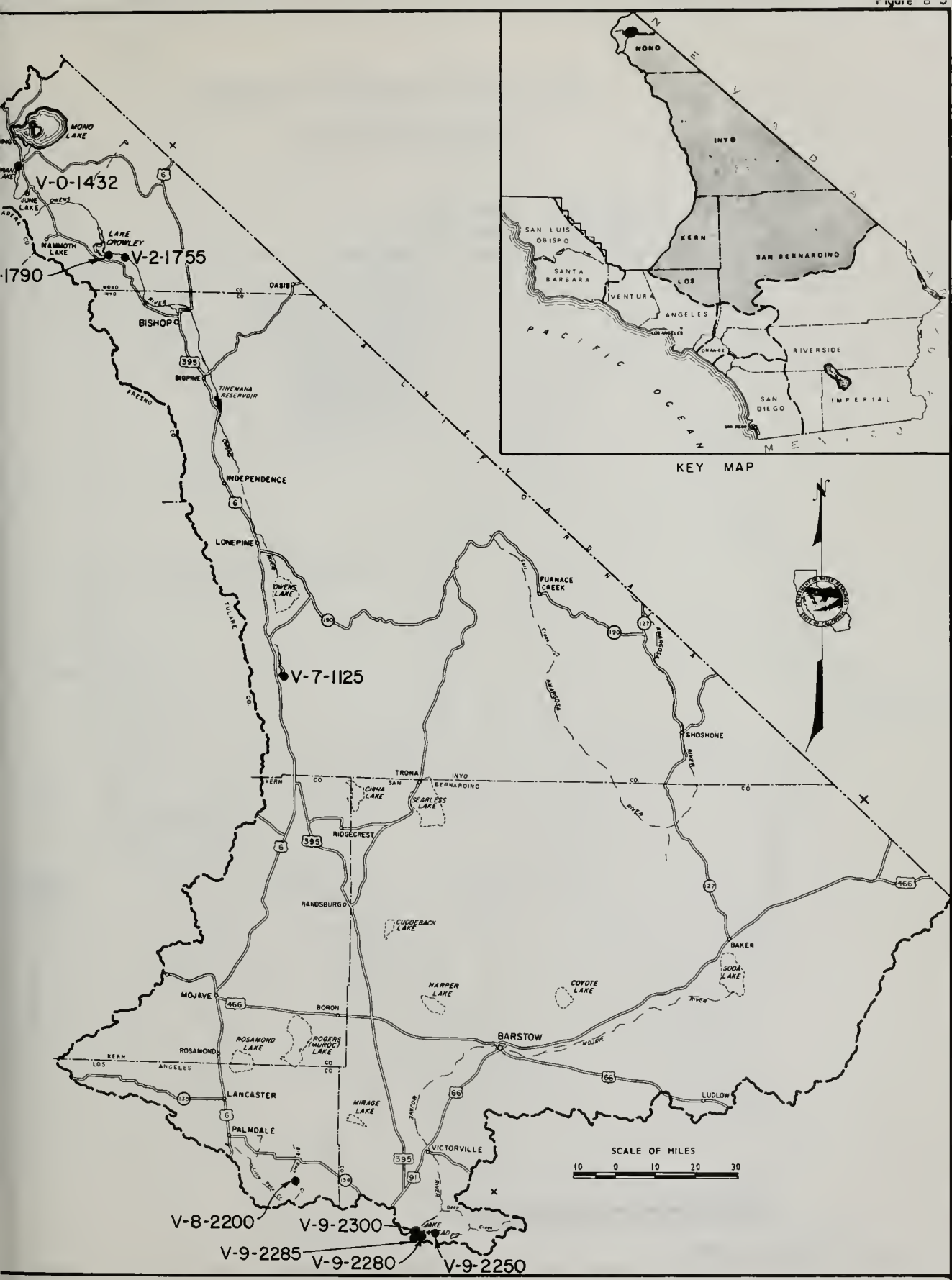


LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
LOS ANGELES AREA

SURFACE WATER MEASUREMENT STATIONS

SOUTH LAHONTAN AREA

V-0-1432 Grant Lake near Lee Vining  
V-2-1755 Owens River below Long Valley Dam  
V-2-1790 Long Valley Reservoir near Tom's Place (formerly Lake Crowley)  
V-7-1125 Haiwee Reservoir near Olancho  
V-8-2200 Big Rock Creek near Valyermo  
V-9-2250 East Fork of West Fork Mojave River above Cedar Springs  
V-9-2280 Sawpit Canyon Creek above Cedar Springs  
V-9-2285 West Fork Mojave River at Highway 138 Bridge  
V-9-2300 West Fork Mojave River above Cedar Springs



LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
SOUTH LAHONTAN AREA



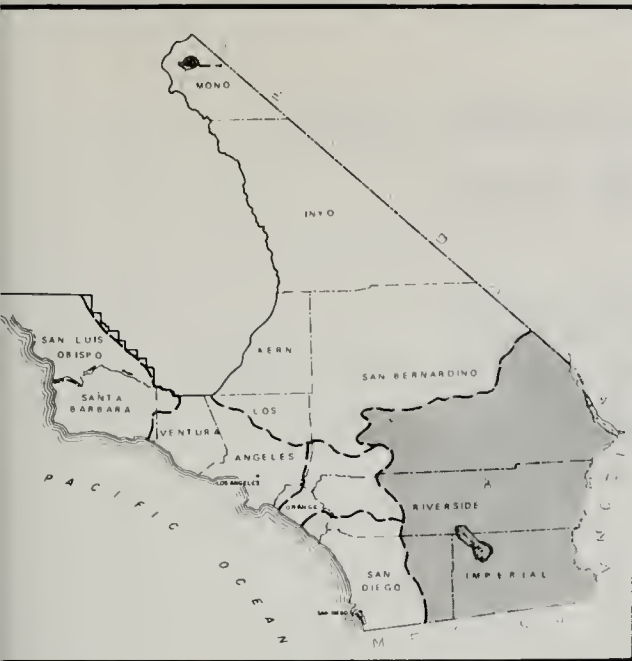
SURFACE WATER MEASUREMENT STATIONS

COLORADO RIVER BASIN

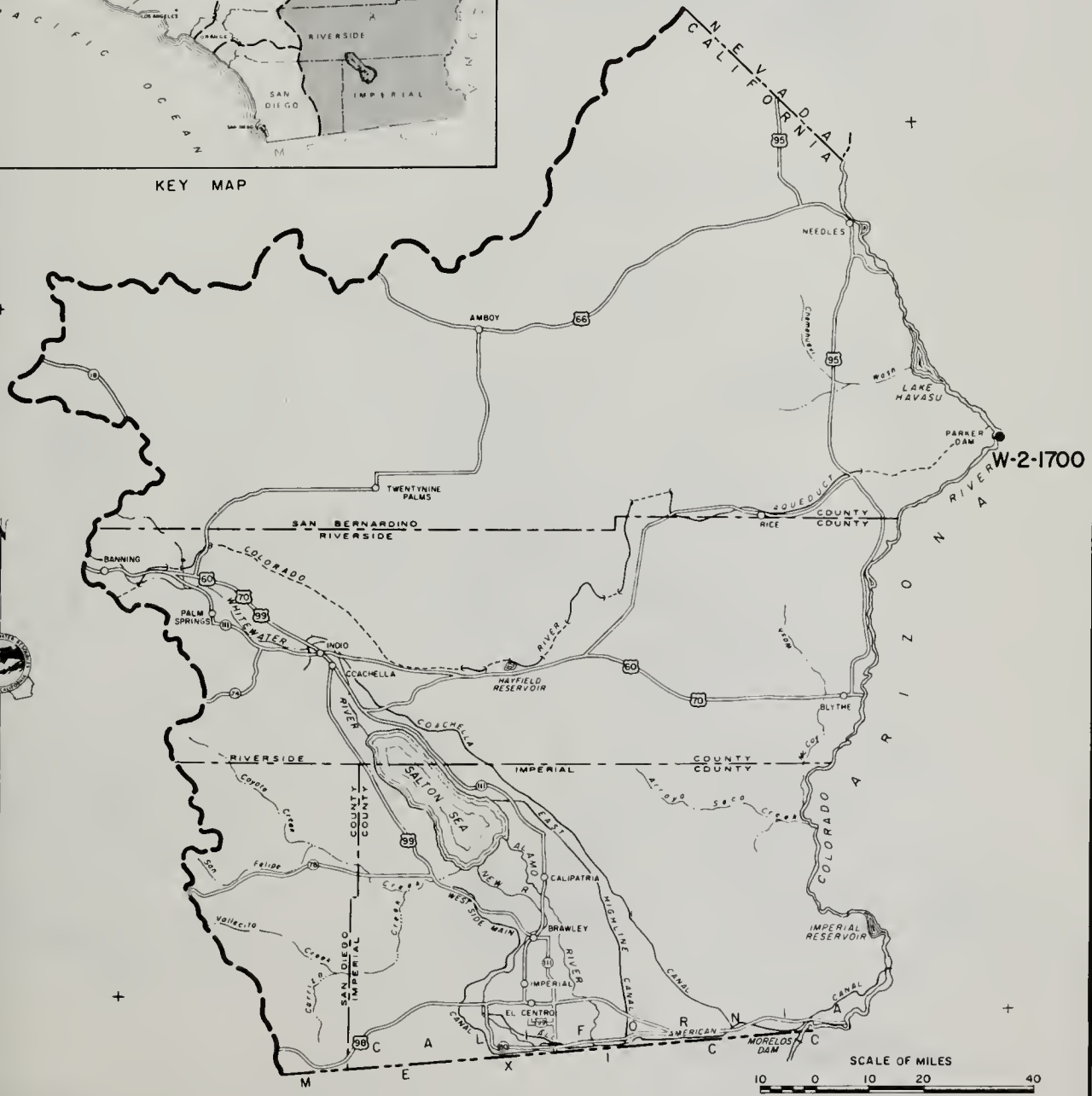
* Ariz-Nev	Lake Mead
* Ariz-Nev	Lake Mojave
W-2-1700	Lake Havasu near Parker Dam

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\*Not shown on facing map



KEY MAP



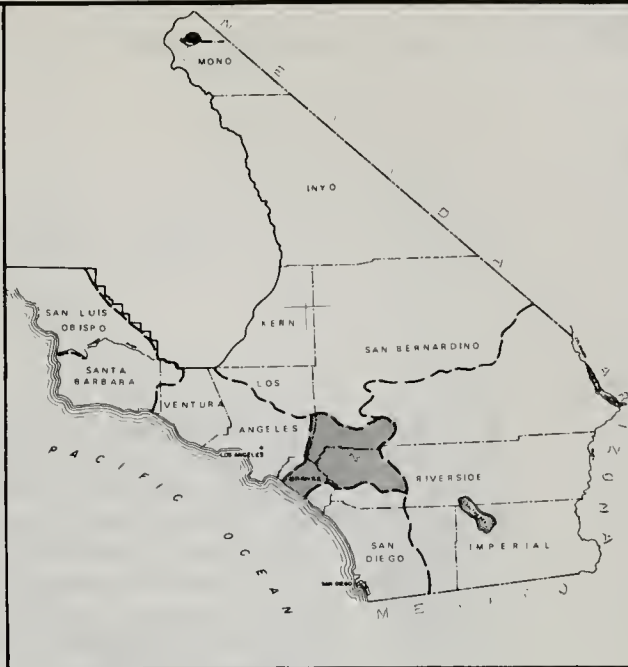
LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
COLORADO RIVER BASIN AREA



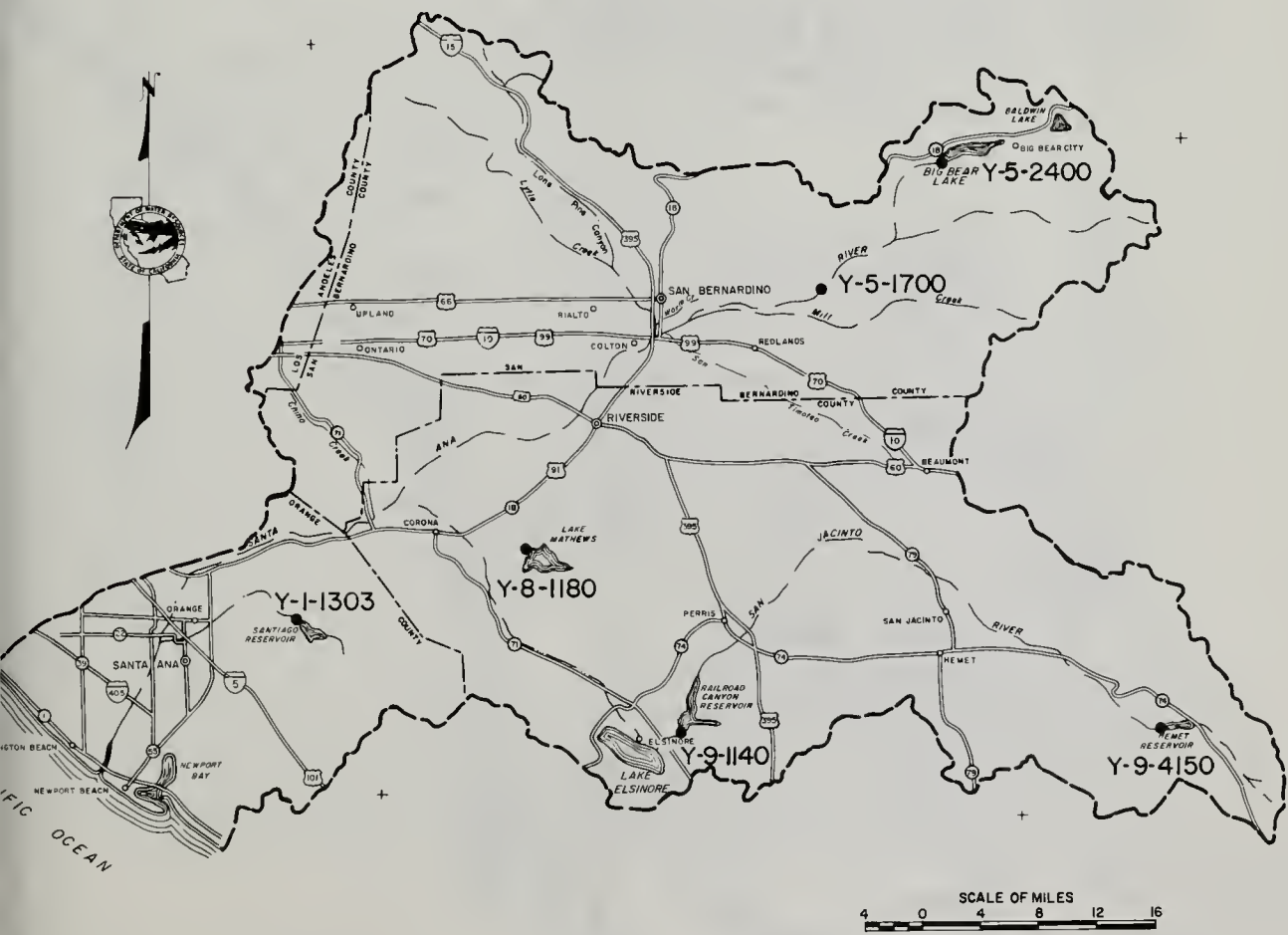
SURFACE WATER MEASUREMENT STATIONS

SANTA ANA AREA

Y-1-1303	Santiago Reservoir Near Orange
Y-5-1700	Santa Ana River Near Mentone
Y-5-2400	Bear Valley (Big Bear Lake Near Big Bear Lake)
Y-8-1180	Lake Mathews Near Arlington
Y-9-1140	Railroad Canyon Reservoir Near Elsinore
Y-9-4150	Lake Hemet Near Idyllwild



KEY MAP

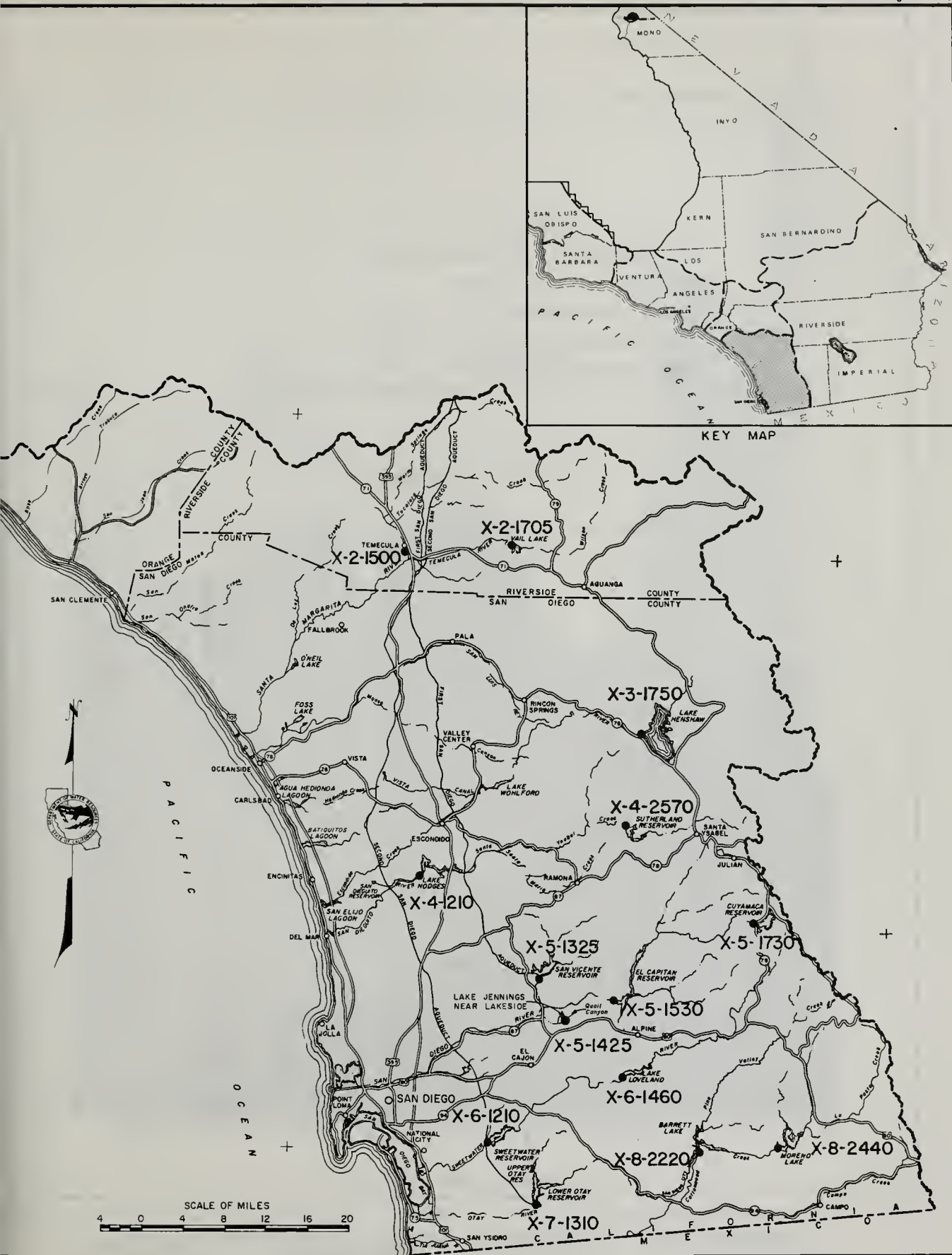


LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
SANTA ANA AREA

SURFACE WATER MEASUREMENT STATIONS

SAN DIEGO AREA

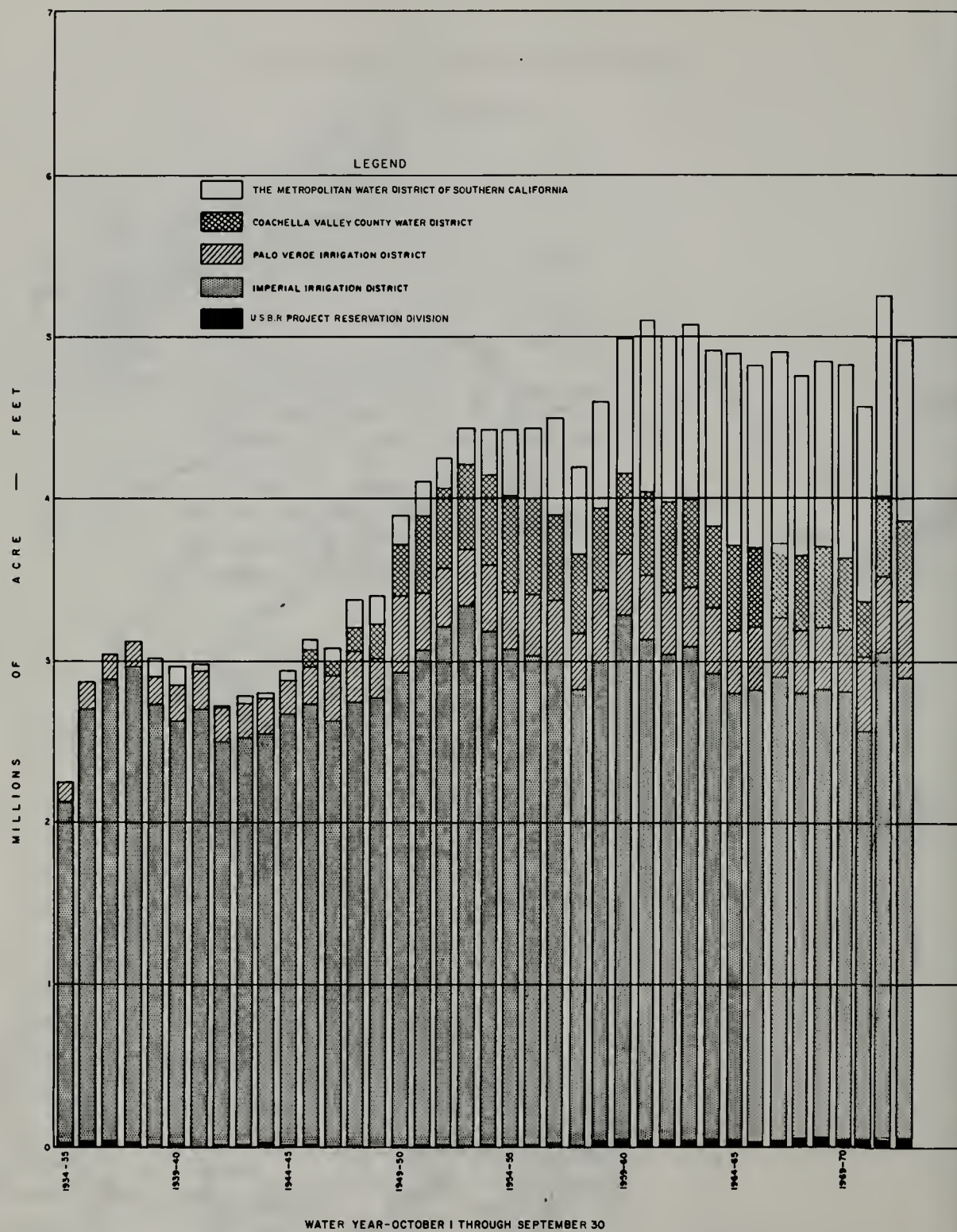
X-2-1500	Murrieta Creek at Temecula
X-2-1705	Vail Lake Near Temecula
X-3-1750	Lake Henshaw Near Warner Springs
X-4-1210	Lake Hodges Near Escondido
X-4-2570	Sutherland Reservoir Near Ramona
X-5-1325	San Vicente Reservoir Near Lakeside
X-5-1425	Lake Jennings Near Lakeside
X-5-1530	El Capitan Reservoir Near Lakeside
X-5-1730	Cuyamaca Reservoir Near Julian
X-6-1210	Sweetwater Reservoir Near National City
X-6-1460	Lake Loveland Near Alpine
X-7-1310	Lower Otay Reservoir Near Otay
X-8-2220	Barrett Lake Near Barrett Junction
X-8-2440	Morena Lake Near Campo



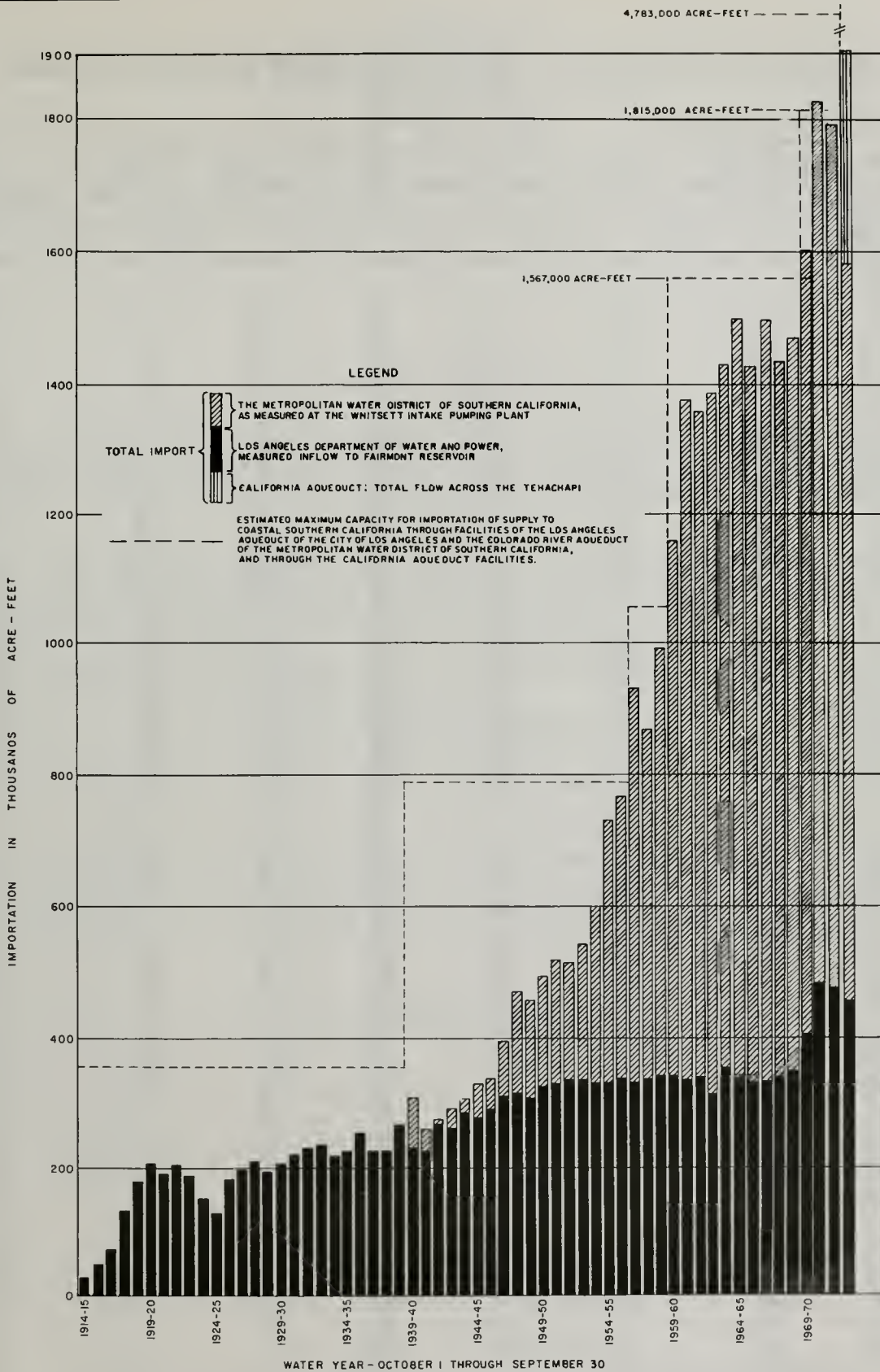
LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
SAN DIEGO AREA



Figure B-7



**HISTORICAL NET DIVERSIONS OF WATER TO SOUTHERN CALIFORNIA FROM THE COLORADO RIVER**



HISTORICAL IMPORTATIONS OF WATER TO COASTAL SOUTHERN CALIFORNIA

**TABLE B-1**  
**ANNUAL UNIMPAIRED RUNOFF AT SELECTED STATIONS IN SOUTHERN CALIFORNIA**  
 In percent of average

Water Year	Owens River below Long Valley Dam	Big Rock Cr. near Valyermo	Sespe Cr. near Fillmore**	Arroyo Seco near Pasadena	Santa Ana R. near Mentone	Murrieta Cr. at Temecula	Arroyo Grand at Arroyo Grand
Average Annual Runoff*	141,389	12,211	79,963	6,639	54,182	6,781	15,420
1920-21	106	99	47	48	99	43	20
1921-22	141	319	378	383	308	305	241
1922-23	120	110	47	48	130	65	33
1923-24	77	34	13	13	94	47	7
1924-25	83	23	16	16	78	7	14
1925-26	87	100	92	93	87	27	149
1926-27	107	131	101	102	185	475	191
1927-28	80	45	24	19	67	9	55
1928-29	70	32	24	21	57	8	21
1929-30	71	50	22	24	58	32	14
1930-31	52	35	21	23	45	14	5
1931-32	97	129	104	80	120	195	211
1932-33	82	49	40	41	64	15	37
1933-34	66	39	65	44	58	6	47
1934-35	92	146	105	136	70	30	10
1935-36	99	41	66	54	71	35	71
1936-37	114	185	214	174	205	320	255
1937-38	175	270	299	329	312	465	335
1938-39	105	87	58	71	114	74	57
1939-40	102	71	41	60	96	95	62
1940-41	117	298	470	380	160	461	425
1941-42	124	57	53	37	93	22	139
1942-43	114	252	213	320	136	462	296
1943-44	92	198	179	207	103	110	101
1944-45	119	86	68	88	109	69	78
1945-46	109	119	81	75	100	42	35
1946-47	89	131	57	89	76	19	23
1947-48	79	38	10	18	58	10	12
1948-49	72	34	11	19	64	10	17
1949-50	78	28	21	23	51	8	32
1950-51	86	11	4	8	41	7	25
1951-52	129	144	188	174	105	362	238
1952-53	90	39	28	22	54	18	64
1953-54	88	57	41	46	78	48	46
1954-55	94	49	21	19	51	14	28
1955-56	121	39	37	33	50	9	112
1956-57	100	36	30	18	48	15	22
1957-58	127	205	283	170	124	210	303
1958-59	90	43	40	24	52	10	37
1959-60	75	17	16	12	46	7	28
1960-61	63	14	8	12	32	5	13
1961-62	102	117	224	99	62	19	125
1962-63	112	28	16	27	33	27	37
1963-64	73	24	17	21	33	4	15
1964-65	104	32	33	34	38	6	37
1965-66	87	201	197	220	122	80	33
1966-67	148	163	196	256	206	27	240
1967-68	92	68	30	79	64	5	24
1968-69	188	413	582	630	431	607	507
1969-70	111	64	70	62	65	40	66
1970-71	94	58	80	68	72	13	53
1971-72	90	43	54	26	49	13	21
1972-73	110	89	184	122	99	48	69

\* Average unimpaired runoff in acre-feet computed from the 50-year period October 1920 through September 1970  
 \*\* Data prior to October 1927 from DWR Bulletin No. 1. Listed as "Sespe Creek near Sespe".



**TABLE B-1**  
**ANNUAL UNIMPAIRED RUNOFF AT SELECTED**  
**STATIONS IN SOUTHERN CALIFORNIA**

*(See opposite page)*

Unimpaired runoff is defined as the flow that occurs naturally at a point in a stream if there were: (1) no upstream controls such as dams or reservoirs; (2) no artificial diversions or accretions; and, (3) no change in ground water storage resulting from development. The computed natural, or unimpaired, runoff values are considered to be the flows that would occur if no impairments were upstream from the measurement points.

**TABLE B-2**  
**DAILY MEAN DISCHARGE**

The streamflow table for each stream or stream system is arranged in downstream order. Stations on a tributary entering between two main stem stations are listed between those stations, and in downstream order on that tributary. A stream gaging station is named after the stream and a well-known landmark (West Fork Mojave River at Highway 138 Bridge).

The discharge estimated for periods of no record or invalid record are shown with the letter "E". Also qualified by the letter "E" are discharges obtained from extended ratings which exceed 140 percent of the highest measured flow-rate on which the rating curve was based. "No Flow" denotes no trace or no recordable flow.

The discharge figures in this table have been rounded off as follows:

<u>1. Daily flows – second-feet</u>			
0.0	– 9.9	Nearest	Tenth
10	– 999	Nearest	Unit
1,000	– 9,999	Nearest	Ten
10,000	– 99,999	Nearest	Hundred
100,000	– 999,999	Nearest	Thousand
<u>2. Monthly means – second-feet</u>			
0.0	– 99.9	Nearest	Tenth
100	– 9,999	Nearest	Unit
10,000	– 99,999	Nearest	Ten
100,000	– 999,999	Nearest	Hundred
<u>3. Monthly and yearly totals – acre-feet</u>			
0.0	– 9,999	Nearest	Unit
10,000	– 99,999	Nearest	Ten
100,000	– 999,999	Nearest	Hundred
1,000,000	– 9,999,999	Nearest	Thousand

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	V-9-2250	EAST FDRK OF WEST FDRK MOJAVE RIVER ABOVE CEDAR SPRINGS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.2	1.3	0.9	3.4 E	35	21	9.0	3.2	0.4	0.0	0.0	1
2	0.0	0.3	1.5	0.9	3.4 E	25	19	8.6	3.3	0.4	0.0	0.0	2
3	0.1	0.3	1.6	1.0	5.6	21	18	8.3	3.1	0.3	0.0	0.0	3
4	0.1	0.3	7.8	1.1	6.5	25	17	8.2	2.9	0.3	0.0	0.0	4
5	0.1	0.3	3.5	1.0	5.6	19	16	9.4	2.6	0.3	0.0	0.0	5
6	0.1	0.3	2.8	1.1	43	49	15	8.8	2.4	0.3	0.0	0.0	6
7	0.1	0.3	3.6	1.1	29 *	77	15	8.3	2.3	0.3	0.0	0.0	7
8	0.1	0.4	3.1	1.1	17	57	14	7.8	2.1	0.3	0.0	0.0	8
9	0.1	0.4	2.7	2.1	12	47	14	7.4	1.9	0.3	0.0	0.0	9
10	0.2	0.4	2.5	1.8	27	37	13	6.9	1.8	0.2	0.0	0.0	10
11	0.1	3.2	2.4	1.6	361 *	79	13	6.5	1.9	0.2	0.0	0.0	11
12	0.0	1.1	2.4	1.5	189	60	13	6.1	1.9	0.2	0.0	0.0	12
13	0.0	0.8	2.3	1.5	112 *	47	13	5.8	1.9	0.2	0.0	0.0	13
14	0.1	4.6	2.2	1.5	48 *	39	12	5.5	2.1	0.2	0.0	0.0	14
15	0.1	2.1	2.1	1.5	34	34	12	5.4	2.0	0.2	0.0	0.0	15
16	0.1	16	2.2	10	30	32	11	5.2	2.0	0.2	0.0	0.0	16
17	0.3	4.5	2.4	11	25	29	11	5.1	1.9	0.2	0.0	1.6	17
18	0.2	2.5	2.4	15	22	27	11	7.3	1.7	0.2	0.0	3.1	18
19	1.2	2.1	2.3	25	20	25	11	9.0	1.4	0.2	0.0	1.5	19
20	0.3	1.8	2.3	12	18	40	11	8.7	1.2	0.2	0.0	0.7	20
21	0.3	1.6	2.3	9.1	18 *	39	11	8.6	1.0	0.1	0.0	0.4	21
22	0.2	1.6	2.1	7.4	16	38	10	8.5	0.9	0.1	0.0	0.3	22
23	0.2	1.5	2.0	6.4	15	34	10	6.2	0.8	0.1	0.0	0.2	23
24	0.3	1.5	2.0	5.7	15	35	9.8	3.6	0.7	0.1	0.0	0.1	24
25	0.2	1.5	1.9	5.4	14	37	9.6	3.4 *	0.7	0.1	0.0	0.1	25
26	0.2	1.5	1.8	5.6	13	36	9.0	3.4	0.6	0.1	0.0	0.1	26
27	0.2	1.3	1.8	4.8	15	36	8.8	3.1	0.6	0.1	0.0	0.1	27
28	0.2	1.1	2.0	4.5	68	38	9.2	2.9	0.5	0.1	0.0	0.1	28
29	0.2	1.0	1.8	4.3		30	9.9	2.8	0.5 *	0.1	0.0	0.0	29
30	0.2	1.0	1.7	4.2		22	9.9	2.9 *	0.4	0.1	0.0	0.0	30
31	0.2		1.7	3.9		20		3.1		0.1	0.0		31
MEAN	0.2	1.9	2.4	5.0	42	38	13	6.3	1.7	0.2	0.0	0.3	MEAN
MAX.	1.2	16	7.8	25	361	79	21	9.4	3.3	0.4	0.0	3.1	MAX.
MIN.	0.0	0.2	1.3	0.9	3.4	19	8.8	2.8	0.4	0.1	0.0	0.0	MIN.
AC. FT.	10	110	147	306	2,352	2,315	747	388	99	12	0.3	17	AC FT.

E — ESTIMATED  
 NR — NO RECORD  
 \* — DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.  
 † — E AND R

MEAN DISCHARGE	MAXIMUM					MINIMUM					TOTAL
9.2	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ACRE FEET
	843	6.06	2	11	0800						6,500

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T & R. M.D.B.&M.	DF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO OR GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 16.3'	117° 17.5'	SW10 2N 4W	5110	7.10	12/29/65	March 61 - Date	March 61 - Date	3/61	Date	3580.3	USGS
<p>Station is located 2.2 miles east of Cedar Springs on the right bank of the East Fork of the Mojave River.</p> <p>Drainage area is 11.5 square miles.</p>											

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	V.9-2280	SAWPIT CANYON CREEK ABDVE CEDAR SPRINGS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	0.1	0.2	0.4 E	2.8	4.0	1.4	0.5	0.1	0.0	0.1	1
2	0.0	0.0	0.1	0.2	0.4 E	2.6	3.8	1.3	0.5	0.1	0.0	0.0	2
3	0.0	0.0	0.1	0.2	0.6	2.4	3.5	1.3	0.5	0.1	0.0	0.0	3
4	0.0	0.0	0.8	0.2	0.6	2.6	3.3	1.3	0.5	0.1	0.0	0.0	4
5	0.0	0.0	0.3	0.2	0.6	2.3	3.2	1.3	0.4	0.1	0.0	0.1	5
6	0.0	0.0	0.2	0.2	2.5	4.5	3.0	1.1	0.4	0.1	0.0	0.0	6
7	0.0	0.0	0.3	0.2	1.4	5.1	2.9	1.1	0.4	0.1	0.0	0.0	7
8	0.0	0.0	0.3	0.2	1.3 *	4.2	2.7	1.0	0.3	0.1	0.0	0.0	8
9	0.0	0.0	0.2	0.4	1.3	3.4	2.6	1.0	0.3	0.1	0.0	0.0	9
10	0.0	0.1	0.2	0.3	5.2	3.4	2.5	1.0	0.3	0.9	0.0	0.0	10
11	0.0	0.5	0.2	0.3	24	8.4	2.3	0.9	0.3	0.1	0.0	0.0	11
12	0.0	0.1	0.2	0.3	17 *	7.4	2.2	0.9	0.3	0.1	0.0	0.0	12
13	0.0	0.1	0.2	0.2	12	5.9	2.2	0.8	0.3	0.1	0.0	0.0	13
14	0.0	0.8	0.2	0.2	8.1	5.1	2.2	0.7	0.4	0.1	0.0	0.0	14
15	0.0	0.2	0.2	0.2	5.8	4.6	2.1	0.7	0.3	0.1	0.0	0.0	15
16	0.0	1.9	0.2	1.1	2.5	4.2	2.0	0.7	0.3	0.1	0.0	0.0	16
17	0.0	0.5	0.2	1.0	4.9	3.9	1.9	0.7	0.3	0.1	0.0	0.0	17
18	0.0	0.3	0.2	1.7	4.3	3.6	1.9	0.6	0.2	0.1	0.0	0.0	18
19	0.1	0.2	0.2	1.7	3.7	3.4	1.8	0.7	0.2	0.1	0.0	0.0	19
20	0.0	0.2	0.3	0.9	3.4	4.4	1.8	0.6	0.2	0.1	0.0	0.0	20
21	0.0	0.2	0.3	0.7	3.1	3.8	1.7	0.6	0.2	0.1	0.0	0.0	21
22	0.0	0.1	0.3	0.6	2.8	3.7	1.6	0.5	0.2	0.1	0.0	0.0	22
23	0.0	0.1	0.3	0.5	2.6	3.4	1.5	0.5	0.2	0.1	0.0	0.1	23
24	0.0	0.1	0.3	0.5	2.4	3.4	1.5	0.5	0.1	0.1	0.0	0.1	24
25	0.0	0.1	0.3	0.6	2.1	3.6	1.5	0.5 *	0.1	0.1	0.0	0.0	25
26	0.0	0.1	0.3	0.6	2.0	3.7	1.4 *	0.5	0.1	0.1	0.0	0.0	26
27	0.0	0.1	0.2	0.5	1.9	4.0	1.4	0.5	0.1	0.1	0.0	0.0	27
28	0.0	0.1	0.2	0.5	4.4	4.3	1.3	0.5	0.1	0.1	0.0	0.0	28
29	0.0	0.1	0.2	0.4		4.3	1.4	0.4	0.1	0.1	0.0	0.0	29
30	0.0	0.1	0.2	0.4		4.0	1.5	0.4	0.1	0.1	0.0	0.0	30
31	0.0		0.2	0.5		3.9		0.5		0.1	0.0		31
MEAN	0.0	0.2	0.2	0.5	4.4	4.1	2.2	0.8	0.3	0.1	0.0	0.0	MEAN
MAX.	0.1	1.9	0.8	1.7	24	8.4	4.0	1.4	0.5	0.1	0.0	0.1	MAX.
MIN.	0.0	0.0	0.1	0.2	0.4	2.3	1.3	0.4	0.1	0.1	0.0	0.0	MIN.
AC. FT.	1	12	14	31	241	250	132	49	16	5	1	2	AC FT.

E - ESTIMATED  
 NR - NO RECORD  
 \* - DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.  
 \*\* - E AND R

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ACRE FEET
1.1	60	2.36	2	11	0645						754

LOCATIONIDH			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TD		
34° 16.7'	117° 20.2'	NE7, 2N/4W	800	3.30'	12/6/66	July 69 - Date	Oct 62 to Feb 69	10/62 7/69	2/69 Date	3423.73 1.06	USGS Local

Station is located 2.3 miles south of Cedar Springs Dam on right bank of Sawpit Canyon Creek.

Drainage area is 1.4 square miles.

NDTE: Staff gage destroyed in February 1969 storm.  
Relocated 50 feet downstream from previous site.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	V-9-2285	WEST FORK MOJAVE RIVER AT HIGHWAY 138 BRIDGE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0.5	1.5	21	14 E	4.8	1.9	0.1	0.0	0.0	1
2			NO FLOW	0.5	1.5	18	14 E	4.6	1.7	0.0	0.0	0.0	2
3		N		0.5	1.9	16	13	4.4	1.7		0.0	0.0	3
4		O	1.0	0.6	1.7	17	13	4.3	1.5		0.0	0.0	4
5			0.3	0.5	1.6	14	12	4.8	1.3		0.0	0.0	5
6		F	0.2	0.4	16	24	11	4.4	1.1		0.0	0.0	6
7		L	0.7	0.4	11 *	41	11	4.2	1.0		0.0	0.0	7
8		O	0.7	0.4	7.2	29	10	4.0	1.0		0.0	0.0	8
9		W	0.5	0.9	5.6	25 *	10	3.8	0.9		0.0	0.0	9
10			0.4	0.7	107	21	9.0	3.6	0.8		0.0	0.0	10
11			0.3	0.6	502 *	63	8.8	3.4	0.8		0.0	0.0	11
12	N		0.3	0.6	71	56	8.4	3.3	0.8	N	0.0	0.0	12
13	O		0.3	0.6	55	39	8.2	3.1	0.8	O	0.0	0.0	13
14		0.1	0.2	0.6	35	27	8.0	4.1	0.9		0.0	0.0	14
15		NO FLOW	0.2	0.6	27 *	20	7.7	6.0	0.9		0.0	0.0	15
16		2.0	0.2	4.5	24	18 *	7.3	5.8	0.9		0.0	0.0	16
17	F	0.2	0.3	6.4	21	18	7.1	5.5	0.9	F	0.0	0.0	17
18	L		0.3	9.2	18	16	6.9	5.2	0.8	L	0.0	0.0	18
19	O		0.4	14	16	17	6.7	5.4	0.6	O	0.0	0.0	19
20	W		0.4	7.1	15	35	6.4	4.1	0.5	W	0.0	0.0	20
21		N	0.7	5.2	15	35	6.1	2.5	0.8		0.0	0.0	21
22		O	0.7	4.1	14	33 *	5.9	2.4	0.8		0.0	0.0	22
23			0.7	3.4	14	28	5.7	2.3	0.3		0.0	0.0	23
24			0.7	3.0	14	27	5.5	2.3	0.3		0.0	0.0	24
25			0.6	2.9	14	26	5.3	2.4 *	0.2		0.0	0.0	25
26		F	0.6	2.5	14	25	5.1	2.3	0.2		0.0	0.0	26
27	L	0.6	2.2	16	25	25	4.9 *	2.0	0.2		0.0	0.0	27
28	O	0.8	2.0	32 *	25	4.7	1.7	0.2	0.2		0.0	0.0	28
29	W	0.6	1.8	23	23	4.9	1.6	0.5	0.5		0.0	0.0	29
30		0.5	1.9	21	21	5.0	1.6	0.2	0.2		0.0	0.0	30
31		0.5	1.6	20	20		1.7				0.0	0.0	31
MEAN		0.1	0.5	2.6	38.3	27.6	8.2	3.6	0.8	0.0	0.0	0.0	MEAN
MAX.		2.0	1.0	14.	502.	63	14.	6.0	1.9	0.1	0.0	0.0	MAX.
MIN.			0.4	0.4	1.5	14	4.7	1.6	0.2		0.0	0.0	MIN.
AC. FT.		4	27	157	2,127	1,633	485	221	48	0	0	0	AC. FT.

E — ESTIMATED  
 NR — NO RECORD  
 \* — DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.  
 — — E AND R

MEAN DISCHARGE	MAXIMUM					MINIMUM					TOTAL ACRE FEET
6.7	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	4704
	1,305	5.63	2	11	0600						

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFs	GAGE HT.	DATE			FROM	TO		
34° 17.5'	117° 21.2'	NE1 2N 5W	1,305	5.63	12/11/73	Oct. 71 - Date	Oct. 71 - Date	6/61	Date	3390 6'	USGS
STATION INSTALLED 6/16/71											
<p>Station is located on the West Fork of the Mojave River, about 400 feet west of the Intersection of Cleghorn Canyon Road and Highway 138.</p> <p>Drainage area is 7.2 square miles.</p>											



**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	V-9-2300	WEST FORK OF THE MOJAVE RIVER ABOVE CEDAR SPRINGS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		NO FLOW	0.1	0.6	1.0 E	11	10 E	3.0	0.9 E	0.2	0.0	0.0	1
2		0.0	0.1	0.6	1.0 E	8.5	9.2 E	2.8	0.8 E	0.2	0.0	0.0	2
3		0.0	0.1	0.6	1.0 E	7.0	8.1 E	2.5	0.8 E	0.2	0.0	0.0	3
4		0.0	0.9	0.6	1.0 E	8.1	7.5	2.4	0.7 E	0.1	0.0	0.0	4
5		0.0	0.7	0.6	1.0 E	6.5	7.3	2.9	0.6 E	0.1	0.0	0.0	5
6	N	0.0	0.6	0.6	6.3	13	6.9	2.5	0.6	0.1	0.0	0.0	6
7	O	0.0	0.8	0.5	4.9	17	6.5	2.3	0.6	0.1	0.0	0.0	7
8		0.0	0.8	0.5	3.2	15	6.0	2.2	0.6	0.1	0.0	0.0	8
9		0.0	0.6	0.8	2.5	14	5.6	2.0	0.6	0.1	0.0	0.0	9
10		0.0	0.6	0.7	32	11	5.3	1.9	0.6	0.1	0.0	0.0	10
11	F	0.1	0.6	0.6	178	35	5.0	1.8	0.5	0.1	0.0	0.0	11
12	L	0.1	0.5	0.6	38	24	4.9	1.7	0.5	0.1	0.0	0.0	12
13	O	0.1	0.5	0.6	27	19	4.9	1.6	0.5	0.1	0.0	0.0	13
14	W	0.2	0.5	0.6	19	15	4.8	1.5	0.6	0.1	0.0	0.0	14
15		0.1	0.5	0.6	14	13	4.6	1.5	0.6	0.1	0.0	0.0	15
16		1.6	0.5	2.4	11	11	4.4	1.3	0.6	0.1	0.0	0.0	16
17		0.7	0.5	3.6	9.0	10	4.2	1.3	0.6	0.1	0.0	0.0	17
18		0.4	0.5	4.4	7.5 E	9.3	4.0	1.2	0.5	0.1	0.0	0.0	18
19	0.0	0.3	0.6	6.2	7.5 E	8.5	4.0	1.2	0.5	0.1	0.0	0.0	19
20	0.0	0.3	0.7	3.1	6.4 E	15	3.9	1.1	0.4	0.1 E	0.0	0.0	20
21	0.0	0.2	0.9	2.3	5.7 E	14 E	3.7	1.0	0.4	0.1 E	0.0	0.0	21
22	0.0	0.2	0.9	1.9	5.4 E	14 E	3.5	1.0	0.4	0.1 E	0.0	0.0	22
23	0.0	0.2	1.0	1.7	5.1 E	12 E	3.4	1.0	0.3	0.1 E	0.0	0.0	23
24	0.0	0.2	0.9	1.5	4.8 E	14 E	3.3	1.0	0.3	0.0	0.0	0.0	24
25	0.0	0.2	0.8	1.5	4.6 E	13 E	3.1	1.0	0.3	0.0	0.0	0.0	25
26	0.0	0.1	0.8	1.3	4.3 E	13 E	3.1	1.1	0.3	0.0	0.0	0.0	26
27	0.0	0.1 E	0.8	1.3	4.6 E	13 E	3.0	1.1	0.3	0.0	0.0	0.0	27
28	0.0	0.1	0.8	1.2	18.7 E	13 E	3.0	1.1	0.2	0.0	0.0	0.0	28
29	0.0	0.1	0.7	1.2	13 E	13 E	3.2	1.1	0.2	0.0	0.0	0.0	29
30	0.0	0.1	0.7	1.1	12 E	12 E	3.2	1.2	0.2	NO FLOW	0.0	0.0	30
31	0.0		0.6	1.1	11 E	11 E		1.4			0.0	0.0	31
MEAN	0.0	0.2	0.6	1.5	15.2	13	5.0	1.6	0.5	0.1	0.0	0.0	MEAN
MAX.	0.0	1.6	1.0	6.2	178	35	10 E	3.0	0.9	0.2	0.0	0.0	MAX.
MIN			0.1	0.5	1.0	6.5	3.0	1.0	0.2	0.0	0.0	0.0	MIN
AC. FT.	1	11	39	89	843	821	297	101	30	5	0	0	AC FT.

E - ESTIMATED  
 NR - NO RECORD  
 \* - DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.  
 - - E AND R

MEAN DISCHARGE	MAXIMUM					MINIMUM					TOTAL
3.2	DISCHARGE	GAGE HT.	MO	DAY	TIME	DISCHARGE	GAGE HT.	MO	DAY	TIME	ACRE FEET
	559	3.84	2	11	0245						2,235

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R M.D.B. & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT	DATE			FROM	TO		
34° 17' 1"	117° 22' 5"	5W2 2N 5W	2,820	7.6'	12 29 '65	Feb. 61 - Date	Feb. 61 - Date	2.61	3.67	3552'	USGS
								3.67	12.68	3550'	USGS
								12.68	- Date	3552'	USGS

Station is located 2.6 miles west of Cedar Springs on the left bank of the West Fork of Mojave River.

Drainage area is 3.2 square miles.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-2-3750	PIRU CREEK ABOVE FRENCHMANS FLAT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.1 E	10	16	3.6	18	320 E	70 *E	49 *E	17 E	14 *E	16 *E	3.0 *E	1
2	0.1 *E	11	16	3.6	18	320 E	68 E	0 E	17 E	14 E	13 E	3.0 E	2
3	1.8	0.8	16	3.6	18	320 E	65 E	0 E	17 E	14 E	13 E	3.0 E	3
4	4.8	0.3	16	3.6	18	320 E	62 E	0 E	17 E	14 E	13 E	3.0 E	4
5	3.2	0.2	11	3.6	18	320 E	59 *E	20 E	17 E	14 E	13 E	3.0 E	5
6	1.8	1.4	4.1	3.6	107	320 E	64 E	10 E	17 E	14 E	13 E	3.0 E	6
7	0.8	4.4	4.2	3.6	320	230 E	68 E	12 E	17 *E	15 E	13 E	3.0 E	7
8	3.0	3.3	4.1	3.6	320	160 E	72 E	12 E	17 E	15 E	13 E	3.0 E	8
9	2.3	4.2	4.1	3.6	207	160 E	77 E	13 *E	17 E	15 E	13 E	3.0 E	9
10	1.6	3.3	3.7	3.6	185	160 E	81 E	13 E	17 E	15 E	13 *E	3.0 E	10
11	1.5	0.8	3.6	3.6	452 E	160 E	85 E	13 E	14 E	15 *E	13 E	3.0 *E	11
12	2.5	3.3	4.3	3.6	700 E	97 *E	90 E	13 E	12 E	15 E	13 E	3.0 E	12
13	2.6	9.1	3.6	3.6	369 E	58 E	94 *E	13 E	12 E	15 E	13 E	2.9 E	13
14	3.5	33	3.6	3.6	358 E	58 E	89 E	13 *E	12 *E	15 E	13 *E	2.9 E	14
15	3.6	49	3.4	3.6	320 E	58 E	83 E	13 E	12 E	15 E	13 E	2.8 E	15
16	3.0	45	3.0	6.0	320 E	58 E	78 E	11 E	12 E	15 E	13 E	2.8 E	16
17	2.6 E	45	3.0	42	320 E	58 E	72 E	13 E	12 E	15 *E	13 E	2.8 E	17
18	2.6 E	38	3.0	79	320 E	58 E	67 E	14 E	13 E	15 E	13 E	2.7 E	18
19	2.6 E	41	3.0	146	223 E	58 E	61 E	15 E	13 E	15 E	13 E	2.7 E	19
20	2.6 *E	30	4.2	70	161 E	58 *E	56 *E	16 E	13 E	15 E	13 E	2.6 E	20
21	2.6	16 E	3.7	48	161 *E	50 E	57 E	17 *E	13 *E	15 E	13 *E	2.6 *E	21
22	3.6	16 E	3.6	48	161 E	67 *E	58 E	17 E	13 E	15 E	13 E	2.6 E	22
23	3.6	16 E	3.6	31	161 *E	95 E	60 E	17 E	13 E	15 E	13 E	2.7 E	23
24	3.6	16 E	4.4	20	157 E	143 E	61 E	17 E	13 E	15 E	13 E	2.7 E	24
25	3.3	16 E	4.6	20	157 E	144 E	62 E	17 *E	13 E	15 E	13 E	2.7 E	25
26	3.0	16 E	4.1	18	157 E	89 E	63 *E	17 E	13 E	16 E	13 E	2.8 E	26
27	3.0	16 E	3.7	18	100 E	86 E	60 E	17 E	14 E	16 E	13 E	2.8 E	27
28	2.6	16 E	5.0	18	320 E	82 E	58 E	17 E	13 E	16 E	8.9 E	2.9 E	28
29	2.6	16	5.7	18		79 E	88 E	17 E	14 E	16 E	4.5 E	2.9 E	29
30	2.2	16	4.8	18		76 E	107 E	17 E	14 E	16 E	3.0 E	2.9 E	30
31	2.6		4.1	18		73 E		17 *E		16 E	3.0 E		31
MEAN	2.6 E	16.5 E	5.7	21.8	220 E	140 E	71.2 E	14.5 E	14.3 E	15.0 E	12.0 E	2.9 E	MEAN
MAX	4.8 E	49 E	16	146	700 E	320 E	107 E	49 E	17 E	16 E	16 E	3.0 E	MAX.
MIN.	0.1 E	0.2 E	3.0	3.6	18 E	50 E	56 E	0.0 E	12 E	14 E	3.0 E	2.6 E	MIN.
AC FT.	157 E	980 E	350	1,340	12,200 E	8,598 E	4,235 E	893 E	849 E	922 E	741 E	170 E	AC.FT.

E - ESTIMATED  
NR - NO RECORD  
\* - DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.  
- - E AND R

MEAN
DISCHARGE
45 E

MAXIMUM				
DISCHARGE	GAGE HT.	MO.	DAY	TIME

MINIMUM				
DISCHARGE	GAGE HT.	MO.	DAY	TIME

TOTAL
ACRE FEET
31,440 E

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M. D. B. & M.	DF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 37.8'	118° 44.8'	NW11 6N 18W	36,000 EST	16±	2/25/69	Dec. 63-Date	Dec. 63-Date	12/63 9/69	02/69 Date	0.50 2,093.3	Local USC & GS
<p>Station is located 13 miles north of Costaco on Old Highway 99 (Templin Highway off-ramp) on the east embankment adjacent to a concrete lined channel 1½ miles below Pyramid Dam.</p> <p>Drainage Area is 297.0 square miles.</p>								<p>STATION DESTROYED 2/69 STATION RECONSTRUCTED 9/69 STATION DESTROYED 2/73 TO BE RECONSTRUCTED 1973-74 WATER YEAR</p>			
<p>NOTE This station is also known locally as "PIRU CREEK BELDW PYRAMID MOUNTAIN".</p>											

# DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z.2-3770	CANADA DE LOS ALAMOS BELOW APPLE CANYON

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.2	1.1 *	1.7 *	2.2	1.8 *	1.9 *	1.7 *	1.4 *	1.4 *	0.8 *	0.8 *	1.1 *	1
2	1.2 *	1.1	1.8	2.2 *	1.8	1.9	1.7	1.4	1.4	0.8	0.8	1.1	2
3	1.2	1.1	1.9	2.2	1.8	1.9	1.6	1.4	1.4	0.9	0.9	1.2	2
4	1.2	1.2	2.0 *	2.2	1.8	1.9	1.5	1.4	1.4	0.9	0.9	1.2	4
5	1.2	1.2	2.0	2.2	2.5	1.9	1.5 *	1.3	1.4	1.0	0.9	1.2	5
6	1.2	1.2	2.0	2.1	7.5	1.9	1.5	1.3	1.4	1.0	1.0	1.2	6
7	1.2	1.2	2.0	2.1	5.0	2.0	1.6	1.3	1.4 *	1.0	1.0	1.2	7
8	1.2	1.3	2.0	2.0	2.0	1.9	1.6 *	1.3 *	1.4	1.1	1.0	1.2	8
9	1.2	1.3	2.0	2.0	2.0	1.9	1.6	1.3	1.4	1.1	1.1	1.2	9
10	1.2	1.3 *	2.0	2.0	4.0	2.0	1.7	1.3	1.4	1.2	1.1 *	1.2	10
11	1.2	1.3	2.0	2.0 *	10	5.4 *	1.7	1.3	1.3	1.2 *	1.1	1.2 *	11
12	1.2 *	1.3	1.9	2.0	5.0	2.0	1.8	1.3	1.3	1.2	1.1	1.2	12
13	1.2	1.3	1.9	2.0	2.0	2.0	1.8 *	1.3	1.3	1.2	1.1	1.3	13
14	1.2	10 *	1.9	2.0	2.0	2.0	1.8	1.3 *	1.3 *	1.2	1.2	1.3	14
15	1.1	6.0	1.9	2.0	2.0 *	1.7	1.7	1.3	1.3	1.2	1.2	1.3	15
16	1.1	3.0 *	1.9	5.0	2.0	1.7	1.7	1.4	1.3	1.2	1.2	1.4	16
17	1.1	2.0	1.9	2.0	2.0	1.7	1.7	1.4	1.2	1.2 *	1.2	1.4	17
18	1.0	1.9	1.9 *	3.5	2.0	1.7	1.6	1.5	1.2	1.2	1.3	1.4	18
19	1.0	1.8	1.9	5.0	2.0	1.7	1.6	1.5	1.1	1.2	1.3	1.5	19
20	1.0 *	1.7	1.9	3.5	2.0	3.0 *	1.6 *	1.6	1.1	1.1	1.3	1.5	20
21	1.0	1.7	1.9	2.0	2.0	2.0	1.6	1.6	1.1 *	1.1	1.3 *	1.5 *	21
22	1.1	1.7	2.0	2.0 *	2.0	1.9 *	1.6	1.6	1.1	1.1	1.3	1.5	22
23	1.2	1.7	2.0	2.0	2.0	1.7	1.6	1.5	1.0	1.1	1.3	1.5	23
24	1.2	1.7	2.0	2.0	2.0	1.7	1.5	1.5	1.0	1.0	1.2	1.5	24
25	1.3	1.7	2.0	1.9	2.0	1.6	1.5	1.5 *	1.0	1.0	1.2	1.5	25
26	1.4	1.7	2.1	1.8 *	2.0	1.6 *	1.5 *	1.5	1.0	1.0	1.2	1.5	26
27	1.4 *	1.7	2.1	1.8	1.9	1.6	1.5	1.5	0.9	1.0	1.2	1.5	27
28	1.4	1.7	2.1	1.8	1.9	1.6	1.5	1.5	0.9	0.9	1.2	1.5	28
29	1.3	1.7	2.1	1.8		1.6	1.4	1.4	0.9	0.9	1.2	1.5	29
30	1.2	1.7	2.2	1.8		1.7	1.4	1.4	0.8	0.9	1.2	1.5	30
31	1.1		2.2	1.8		1.7		1.4		0.8	1.2		31
MEAN	1.2	2.0	2.0	2.3	2.8	2.0	1.5	1.4	1.2	1.0	1.1	1.3	MEAN
MAX.	1.4	10	2.2	5.0	10	5.4	1.8	1.6	1.4	1.2	1.3	1.5	MAX
MIN.	1.0	1.1	1.7	1.8	1.8	1.6	1.4	1.3	0.8	0.8	0.8	1.1	MIN
AC. FT.	73	118	121	141	153	120	92	87	72	64	69	80	AC. FT.

Discharges shown are prorated between measurements.

E — ESTIMATED  
 NR — NO RECORD  
 \* — DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.  
 — E AND S

MEAN DISCHARGE	MAXIMUM					MINIMUM					TOTAL ACRE FEET
1.6 E	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	1,190 E

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B. & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM	
			CFS	GAGE HT.	DATE			FROM	TO			
34° 40.6'	118° 47.0'	5W22 7N 18W	1,200	EST	3-	01/21/69	3/65 - 12/71	3/65 - 12/71	3/65	12/71	0.40	Local
								STATION DESTROYED		3/69		
								STATION RECONSTRUCTED		11/69		
								STATION DESTROYED		1/72		
<p>Station is located 0.5 miles south of Hungry Valley off from (Interstate 5).</p> <p>Beginning 1/1/72 discharge computed from measurements and observations near the site of former station.</p> <p>Drainage area is 62.0 square miles.</p>												

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z.2-3790	PIRU CREEK BELDW BUCK CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.9	3.5 *	4.7 *	5.3	12 *	278 *	68 *	68 *	14 *	2.8 *	1.1 *	1.5 *	1
2	1.9 *	3.5	5.2	5.3 *	11	235	66	46	13	2.8	1.2	1.5	2
3	2.0	3.6	5.6	5.3	10	192	63	44	12	2.8	1.2	1.5	3
4	2.1	3.6	6.0 *	5.3	10	149	60	42	12	2.8	1.3	1.5	4
5	2.2	3.7	6.1	5.3	15	107 *	58 *	40	11	2.8	1.3	1.5	5
6	2.3	3.7	6.2	5.3	310	106	62	38	10	2.8	1.4	1.5	6
7	2.4	3.8	6.4 *	5.3	590	104 *	66	36	9.2 *	2.7	1.4	1.5	7
8	2.4	3.8	6.4	5.3	98	120	70	34 *	8.9	2.7	1.5	1.5	8
9	2.5	3.9	6.4	14 E	50	110	75	33	8.7	2.7	1.5	1.5	9
10	2.6	3.9 *	6.3	12 E	150	105	79	32	8.4	2.7	1.6 *	1.5	10
11	2.6	4.0	6.3	10 *	2,700	100 *	83	31	8.2	2.7 *	1.6	1.5 *	11
12	2.7 *	4.1	6.2	10	700	105 *	88	30	7.9	2.7	1.6	1.6	12
13	2.7	4.2	6.2	10	250	96	92 *	29	7.6	2.7	1.6	1.6	13
14	2.8	15 *	6.1	10	210	86	87	28 *	7.4 *	2.7	1.6	1.7	14
15	2.9	10	6.1	10	180	76 *	81	27	7.1	1.7	1.6	1.8	15
16	3.0	20 *	6.0	12	155 *	75	76	26	6.7	2.7	1.6	1.8	16
17	3.1	10	6.0	30	140	75	70	25	6.4	2.7 *	1.7	1.9	17
18	3.2	4.7	6.0 *	125	125	75	65	24	6.0	2.6	1.7	1.9	18
19	3.3	4.7	6.0	125 *	110	75	59	23	5.7	2.5	1.7	2.0	19
20	3.3 *	4.7	5.9	75	96	123 *	54 *	22	5.4	2.4	1.7	2.1	20
21	3.3	4.7	5.9	50	82 *	100	55	21 *	5.0 *	2.3	1.7 *	2.1 *	21
22	3.3	4.7	5.8	26 *	72	90 *	56	20	4.8	2.2	1.7	2.1	22
23	3.3	4.7	5.8	24	62 *	90	58	19	4.6	2.0	1.7	2.0	23
24	3.4	4.7	5.7	22	52	89	59	18	4.3	1.9	1.7	2.0	24
25	3.4	4.7	5.7	20	42	88	60	17 *	4.1	1.8	1.6	2.0	25
26	3.4	4.7	5.6	19 *	32	87 *	61 *	17	3.9	1.7	1.6	1.9	26
27	3.4	4.7	5.6	18	97	84	58	16	3.7	1.6	1.6	1.9	27
28	3.4	4.7	5.5	17	989	80	56	16	3.5	1.5	1.6	1.9	28
29	3.4	4.7	5.5	16		77	53	15	3.2	1.4	1.5	1.8	29
30	3.5	4.7	5.4	15		74	51	15	3.0	1.3	1.5	1.8	30
31	3.5		5.4	14		71		14	1.2	1.5			31
MEAN	2.9	5.5	5.9	23.4	262	107	66.3	27.3	7.2	2.4	1.5	1.7	MEAN
MAX.	3.5	20	6.4	125	2,700	278	92	48	14	2.8	1.7	2.1	MAX
MIN.	1.9	3.5	4.7	5.3	10	71	51	14	3.0	1.2	1.1	1.5	MIN.
AC. FT.	177	328	361	1,441	14,580	6,589	3,945	1,678	428	145	94	104	AC. FT.

Discharges shown are prorated between measurements.

- E - ESTIMATED
- NR - NO RECORD
- \* - DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.
- - E AND R

MEAN DISCHARGE	MAXIMUM					MINIMUM					TOTAL ACRE FEET
43 E	DISCHARGE	GAGE HT.	NO.	DAY	TIME	DISCHARGE	GAGE HT.	NO.	DAY	TIME	29,870 E

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT	DATE			FROM	TO		
34° 40' 0"	118° 49' 4"	5E30 7N 18W									
<p>There is no station on the site at the present time, but one will be installed soon. Estimated installation: Water-year 1974.</p> <p>Drainage Area is 195 square miles.</p>											



**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-3-2330	ELIZABETH LAKE CANYON CREEK ABOVE CASTAIC CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.3 E	0.4 E	1.3 *	1.3	2.8 *	31 *	20 *	10 *	4.3 *	0.6 *	0.3 *	0.3 *	1
2	0.3 E	0.4 E	1.3	1.3 *	2.7	25	20	9.0	4.3	0.5	0.3	0.3	2
3	0.3 * E	0.4 * E	1.3	1.4	3.4	18	20	8.9	3.8	0.5	0.3	0.3	3
4	0.3 E	0.4 E	2.6	1.5	3.6	17	19	8.9	3.4	0.5	0.3	0.3	4
5	0.3 E	0.4 E	2.3	1.4	3.9	16	17	9.5	2.8	0.5	0.3	0.3	5
6	0.3 E	0.4 E	2.0	1.4	24 *	22	17	9.0	2.6	0.5	0.3	0.3	6
7	0.3 E	0.4 E	2.6 *	1.4	47	26 *	16	8.7	2.5 *	0.5	0.3	0.3	7
8	0.3 E	0.4 E	2.2	1.5	23 *	48	16	8.1	2.4	0.5	0.3	0.3	8
9	0.3 E	0.4 E	1.9	2.8	12	34	16	7.7	2.3	0.5	0.3 *	0.2	9
10	0.3 E	0.4 E	1.7	2.4	130	21	16	7.6 *	2.3	0.5	0.3	0.2	10
11	0.3 E	0.4 E	1.6	2.0 *	410 E	38 *	16	7.2	2.3	0.5 *	0.3	0.2 *	11
12	0.3 E	0.5	1.5	1.9	101	30	16	7.1	2.4	0.5	0.3	0.3	12
13	0.3 * E	0.6 *	1.6	1.8	90 *	30	18 *	6.3	2.2	0.5	0.3	0.3	13
14	0.3 E	3.5 *	1.5	1.7	54	26	17	5.9	2.5 *	0.4	0.2	0.3	14
15	0.3 E	1.7	1.5	1.7	37	25 *	15	5.4	2.5	0.4	0.3	0.3	15
16	0.4 E	2.2	1.5	30	33	22	15	5.0 *	2.2	0.4 *	0.3	0.3	16
17	0.4 E	2.3	1.5	18	31	17	15	4.7	1.7	0.5	0.3	0.4	17
18	0.4 E	1.5	1.4 *	108	29	15	14	4.4	1.3	0.5	0.3	0.4	18
19	0.4 E	1.2	1.5	74 *	25	15	13	4.4	1.1	0.5	0.2	0.4	19
20	0.5 * E	1.1	1.4	10	21	49 *	13 *	4.3	1.0	0.5	0.3	0.4 *	20
21	0.5 E	0.9	1.5	7.6	20	38	12	4.4	1.0 *	0.4	0.2 *	0.4	21
22	0.4 E	0.8	1.4	5.6	19	40	12	4.4	1.0	0.4	0.3	0.4	22
23	0.4 E	0.7	1.4	4.8 *	16	26	11	4.3 *	1.0	0.4	0.3	0.4	23
24	0.4 E	0.7	1.4	4.2	16	25 E	11	4.4	0.8	0.4	0.3	0.4	24
25	0.4 E	0.6	1.3	4.0	16	23 E	11	4.9	0.8	0.4	0.3	0.4	25
26	0.4 E	0.9	1.3	3.6	16	23 E	10 *	4.7	0.8	0.4	0.3	0.4	26
27	0.4 * E	1.2	1.4	3.3	23	23 E	10	3.2	0.7	0.4	0.3	0.4	27
28	0.4 E	1.3	1.4	3.1	66 *	21 E	10	3.1	0.7	0.3	0.3	0.3	28
29	0.4 E	1.3	1.4	3.0		21 E	10	3.1	0.6	0.3	0.3	0.3	29
30	0.4 E	1.3	1.3	3.0		21	10	2.7	0.6	0.3	0.3	0.3	30
31	0.4 E		1.3	2.9		18		3.3		0.3	0.3		31
MEAN	0.5 E	0.9 E	1.6	10.0	45.5 E	25.9 E	14.5	5.9	1.9	0.4	0.3	0.3	MEAN
MAX.	0.5 E	3.5 E	2.6	108	410 E	49 E	20	10	4.3	0.6	0.3	0.4	MAX.
MIN.	0.3 E	0.4 E	1.3	1.3	2.7 E	15 E	10	2.7	0.6	0.3	0.2	0.2	MIN.
AC. FT.	22 E	56 E	98	616	2,528 E	1,593 E	863	365	115	28	17	19	AC FT.

E — ESTIMATED  
 NR — NO RECORD  
 \* — DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.  
 † — E AND S

MEAN DISCHARGE	MAXIMUM					MINIMUM					TOTAL
9.0 E	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ACRE FEET
	952 E	4.43	2	11	0500	0.2	0.96	8	12	1345	6,320 E

LOCATION				MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	CF5	OF RECORD		DATE	DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM	
				GAGE HT.	DATE				FROM	TO			
34° 34.34'	118° 33.34''	NE34 6N 16 W	7,500 E	8 ±	01/25/69	01/62 - Date	01/62 - Date	1/62	1/63	1.82	Local		
								2/63	6/65	2.13	Local		
								7/65	11/66	0.35	Local		
								12/66	1/69	0.14	Local		
Station is located adjacent to Lake Hughes Road and approximately 1000' north of Elizabeth Lake Guard Station.										STATION DESTROYED		01/69	
Drainage area is 41.7 Square miles.										STATION RECONSTRUCTED		02/72	

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-3-2340	NECKTIE CANYON CREEK ABOVE CASTAIC CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0.0	0.1	2.6	0.8	0.2	0.1				1
2				0.0	0.1	2.5	0.8	0.2	0.1				2
3				0.0	0.2	2.4	0.8	0.2	0.1				3
4				0.0	0.1	2.4	0.7	0.2	0.1				4
5				0.0	0.2	2.4	0.7	0.2	0.1				5
6				0.0	2.9	2.5	0.6	0.2	0.1				6
7				0.0	4.0	2.4	0.6	0.2	0.1				7
8				0.0	1.8	4.4	0.6	0.2	0.1				8
9				0.0	1.1	3.3	0.6	0.2	0.0				9
10				0.0	17	2.8	0.5	0.2	0.0				10
11				0.0	33	4.2	0.5	0.2	0.0				11
12				0.0	10	2.9	0.5	0.2	0.0				12
13				0.0	9.1	2.4	0.5	0.2	0.0				13
14	N O	N O	N O	0.0	5.5	2.0	0.4	0.2	0.0	N O	N O	N O	14
15				0.0	4.2	1.7	0.4	0.2	0.0	N O	N O	N O	15
16	F L O W	F L O W	F L O W	2.3	3.6	1.5	0.4	0.2	0.0	F L O W	F L O W	F L O W	16
17				1.5	3.2	1.3	0.4	0.2	0.0				17
18				12	3.0	1.2	0.4	0.2	0.0				18
19				5.4	2.8	1.0	0.4	0.2	0.0				19
20				1.4	2.7	3.0	0.4	0.2	0.0				20
21				0.8	2.6	2.7	0.3	0.2	0.0				21
22				0.4	2.5	2.6	0.3	0.2	0.0				22
23				0.3	2.4	2.2	0.3	0.2	0.0				23
24				0.2	2.4	1.9	0.3	0.2	0.0				24
25				0.2	2.3	1.8	0.3	0.2	0.0				25
26				0.2	2.3	1.6	0.2	0.1	0.0				26
27				0.2	2.5	1.4	0.2	0.1	0.0				27
28				0.1	2.6	1.3	0.3	0.1	0.0				28
29				0.1		1.1	0.3	0.1	0.0				29
30				0.1		1.0	0.3	0.1	0.0				30
31				0.1		0.9		0.1					31
MEAN				0.8	4.5	2.2	0.5	0.2	0.0				MEAN
MAX.				12	33	4.4	0.8	0.2	0.1				MAX.
MIN.				0.0	0.1	0.9	0.2	0.1	0.0				MIN.
AC. FT.				51	248	133	27	11	2				AC. FT.

E — ESTIMATED  
 NR — NO RECORD  
 \* — DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.  
 — E AND R

MEAN DISCHARGE	MAXIMUM				MINIMUM				TOTAL		
0.7	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ACRE FEET
	85	2.18	2	11	0245						472

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M. D. B. & M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 33' 37.5"	118° 36' 51"	5E31 6N 17W	633	2.98'	01/25/69	2/67 - Date	2/67 - Date	2/67	1/69	0.14'	Local
STATION DESTROYED 1/69 STATION RECONSTRUCTED 6/69											
Station is located 4.7 miles northerly of Castaic and 2.0 miles upstream (NE) of the confluence of Necktie Canyon Creek with Castaic Creek.											
Drainage Area is 2.8 square miles.											
NOTE This station was formerly named "NECKTIE CANYON CREEK"											

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-3-2345	ELDERBERRY CANYON CREEK ABOVE CASTAIC CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1				0.0 *	0.0 *	1.9 *	0.7 *						1
2				0.0	0.0	1.4	0.6						2
3				0.0	0.0	1.0	0.6						3
4				0.0	0.0	0.9	0.5						4
5				0.0	0.0	0.7	0.5						5
6				0.0	4.0	1.2	0.4						6
7				0.0	5.6	1.6	0.4						7
8				0.0	2.0	4.6	0.4						8
9				0.0	1.1	4.3	0.4						9
10				0.0	20	2.7	0.4						10
11				0.0	35	6.1	0.3						11
12				0.0	11	5.0	0.3						12
13				0.0	9.9	3.7	0.3						13
14	N	N	N	0.0	5.7	2.6	0.3	N	N	N	N	N	14
15	D	O	D	0.0	4.0	2.1	0.3	D	D	O	O	D	15
16	F	F	F	0.0	3.0	1.7	0.2	F	F	F	F	F	16
17	L	L	L	0.9	2.5	1.6	0.2	L	L	L	L	L	17
18	O	O	O	14	2.2	1.3	0.2 *	O	O	O	O	O	18
19	W	W	W	6.8	2.0	1.1	0.2	W	W	W	W	W	19
20				2.2	1.9	4.5	0.1						20
21				1.2	1.7	3.7	0.1						21
22				0.6	1.6	3.7	0.1						22
23				0.3	1.1 *	2.6	0.1						23
24				0.2	0.5	2.1	0.0						24
25				0.2	0.4	1.9	0.0						25
26				0.1	0.4	1.7	0.0						26
27				0.1	0.9	1.6	0.0						27
28				0.0	4.4	1.4	0.0						28
29				0.0 *		1.2	0.0						29
30				0.0		1.0	0.0						30
31				0.0		0.8							31
MEAN				0.8	4.3	2.3	0.2						MEAN
MAX.				14.0	35.0	6.1	0.7						MAX.
MIN.				0.0	0.0	0.7	0.0						MIN.
AC. FT.				52	241	142	15						AC FT.

E — ESTIMATED  
 NR — NO RECORD  
 \* — DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.  
 † — E AND R

MEAN DISCHARGE	MAXIMUM					MINIMUM					TOTAL ACRE FEET
0.6	DISCHARGE	DAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	450
	78	2.79	2	11	0545						

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M	DF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TD		
34° 34.3'	118° 37.5'	NE36 6N 17W	594	2.93'	01/25/69	Oct. 66 - Date	Oct. 66 - Date	10/66	Date	0.75'	Local
<p>Station is located 5.5 miles NW of Castaic and 0.5 miles upstream (NE) of the confluence of Elderberry Canyon Creek with Castaic Creek.</p> <p>Drainage Area is 2.7 square miles.</p> <p>NDTE This station was formerly named "ELDERBERRY CANYON CREEK".</p>											

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-3-2370	FISH CREEK ABOVE CASTAIC CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0		0.0	0.7 *E	25	13	3.9 *	0.5				1
2		0.0		0.0	0.8 E	20	13	3.4	0.5				2
3		0.0		0.0	1.5 E	17	12	3.1	0.4				3
4		0.0		0.0	2.6 E	16	11	3.1	0.3				4
5		0.0		0.0	1.7 E	14	11	3.3	0.2				5
6		0.0		0.0	19 *E	15	10	3.0	0.1				6
7		0.0		0.0	46 *E	15	8.9	2.8	0.1				7
8		0.0		0.0	19 E	23	8.6	2.6	0.1				8
9		0.0		0.0	12 E	22	8.5	2.3	0.1				9
10		0.0		0.0	67 E	18	7.8	2.0 *	0.0				10
11		0.0		0.0	468 E	29 *	7.3	2.0	0.0				11
12		0.0		0.0	177 E	24	7.0	2.2	0.0				12
13		0.0		0.0	80 *E	20	7.1	2.2	0.0				13
14	N	0.0	N	0.0	43 *E	18	7.4	2.1	0.0 *	N	N	N	14
15	O	0.0	O	0.0	34 E	17 *	7.1	2.0	0.0	O	O	O	15
16	F	0.0	F	2.3	28 *E	16	6.8	1.8 *	0.0	F	F	F	16
17	L	0.1	L	0.5 *	24 E	15	6.7	1.6	0.0	L	L	L	17
18	O	0.0	O	32	22 E	14	6.9	1.5	0.0	O	O	O	18
19	W	0.0	W	25 *	18 E	13	7.0	1.4	0.0	W	W	W	19
20		0.0		7.9	18 E	39 *	6.8 *	1.5	0.0				20
21		0.0		5.6	17 E	29	6.1	1.4	0.0 *				21
22		0.0		4.3	14 E	29	5.7	1.4	0.0				22
23		0.0		2.4 *	12 *E	25	5.3	1.3 *	0.0				23
24		0.0		1.4	12 E	23	5.0	1.1	0.0				24
25		0.0		1.4	10 E	22	4.6	1.3	0.0				25
26		0.0		1.2 *	9.2 E	21	4.2 *	1.1	0.0				26
27		0.0		0.9	16 E	20	3.9	0.5	0.0				27
28		0.0		1.0	39 *E	18	4.0	0.3	0.0				28
29		0.0		1.0	17	17	4.4	0.2	0.0				29
30		0.0		1.1	15	15	4.4	0.2	0.0				30
31		0.0		0.8	14	14		0.3					31
MEAN	0.0	0.0	0.0	2.9	43.3 E	20.1	7.4	1.8	0.1	0.0	0.0	0.0	MEAN
MAX.	0.0	0.1	0.0	32	468 E	39	13	3.9	0.5	0.0	0.0	0.0	MAX.
MIN.	0.0	0.0	0.0	0.0	0.7 E	13	3.9	0.2	0.0	0.0	0.0	0.0	MIN.
AC. FT.	0.0	0.0	0.0	176	2,406 E	1,238	441	113	5	0.0	0.0	0.0	AC FT.

E — ESTIMATED  
NR — NO RECORD  
\* — DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.  
— E AND R

MEAN	MAXIMUM				MINIMUM				TOTAL		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ACRE FEET
6.3 E	912 E	2.50	2	11	0600						4,379 E

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 36' 2"	118° 40.3'	6N/17W - 22A	5,986	4.98'	02/24/69	June 65 - Date	June 65 - Date	6/65	9/66	3.08'	Local
								9/66	10/69	0.70'	Local

Station is located 8.1 miles NW of Castaic and 700 feet NE (upstream) of the confluence of Fish Creek with Castaic Creek.

Drainage Area is 27.3 square miles.

**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1972-73	Z-32388	CASTAIC CREEK ONE MILE ABOVE FISH CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.1 E	0.4 *	0.6	1.6 *	24 *	11 *	4.4 *	1.2 *	0.1 *			1
2	0.0 *	0.1 *E	0.4	0.6 *	1.6	26	6.5	2.9	1.1	0.1			2
3	0.0	0.1	0.4	0.6	6.0	26	3.7	2.4	1.0	0.1			3
4	0.0	0.1	0.6	0.6	3.2	6.1	2.4	2.2	0.9	0.1			4
5	0.0	0.1	0.5	0.6	3.8	3.1	2.6	2.2	0.7	0.1			5
6	0.0	0.1	0.5	0.7	53 *	9.8	3.2 *	2.1	0.6	0.1			6
7	0.0	0.1	0.5 *	0.7	60	5.4 *	3.0	1.9	0.5	0.1			7
8	0.0	0.1	0.5	0.8	19 *	16	3.3	1.8	0.5	0.1			8
9	0.0	0.1	0.4	1.4	2.3	20	5.0	1.6	0.4	0.1			9
10	0.0	0.1	0.5	0.8	86	9.1	3.7	1.5 *	0.4	0.1			10
11	0.0	0.2	0.4	0.8 *	292	28 *	4.2	1.4	0.4	0.1 *			11
12	0.0 *	0.1	0.5	0.7	124	30	4.4	1.4	0.4	0.1			12
13	0.1	0.1 *	0.6	0.7	95 *	24	6.9 *	1.4	0.4	0.1			13
14	0.1	3.4 *	0.6	0.7	42 *	9.6	12	1.3	0.4 *	0.1	N	N	14
15	0.1	0.3	0.6	0.7	32	11 *	4.2	1.3	0.4	0.1	O	O	15
16	0.1	19 *	0.6	18	21 *	6.0	2.5	1.2 *	0.4	0.1	F	F	16
17	0.1	12 *	0.7	6.5 *	13	4.1	2.6	1.2	0.4	0.0 *	L	L	17
18	0.1	0.7	0.6	72	10	2.8	2.4	1.1	0.3	0.0	O	O	18
19	0.1 *	0.5	0.7 *	24 *	9.4	3.5	3.2 *	1.1	0.3	0.0	W	W	19
20	0.1	0.4	0.6	5.3	9.6	46 *	6.3	1.1	0.2	0.0			20
21	0.1	0.4	0.6	7.8	11	26	4.2	1.2	0.2 *	0.0			21
22	0.1	0.4	0.7	3.7	10	18	3.7	1.6	0.2	0.0			22
23	0.1	0.4	0.6	3.3 *	9.4 *	15	4.6	1.5 *	0.2	0.0			23
24	0.1	0.4	0.6	3.5	11 E	5.5	4.0	1.3	0.2	0.0			24
25	0.1	0.4	0.6	2.7	11 E	8.0	3.0	1.4	0.1	0.0			25
26	0.1	0.4	0.6	2.5 *	11 E	7.0	2.6 *	1.3	0.1	0.0			26
27	0.1 *	0.4	0.6	2.2	28 E	6.2	2.5	1.0	0.1	0.0			27
28	0.1	0.4 *	0.6	2.1	28 *E	5.6	2.8	0.9	0.1	0.0			28
29	0.1	0.4	0.6	2.0		3.1	6.4	0.8	0.1	0.0			29
30	0.1	0.4	0.6	2.1		4.8	7.1	0.8	0.1	0.0			30
31	0.1 E		0.6	1.7		9.5		1.0		0.0			31
MEAN	0.1	1.4 E	0.6	5.5	35.8 E	13.5	4.5	1.6	0.4	0.1	0.0	0.0	MEAN
MAX.	0.1	19 E	0.7	72	292 E	46	12	4.4	1.2	0.1	0.0	0.0	MAX.
MIN.	0.0	0.1 E	0.4	0.6	1.6 E	2.8	2.4	0.8	0.1	0.0	0.0	0.0	MIN.
AC. FT.	4	82 E	35	336	1,990 E	832	266	95	25	3	2	2	AC. FT.

E - ESTIMATED  
 NR - NO RECORD  
 \* - DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.  
 # - E AND R

MEAN DISCHARGE	MAXIMUM DISCHARGE	MINIMUM DISCHARGE	TOTAL ACRE FEET
5.3 E	937 E	0.1	3,672 E

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.O.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 37.1'	118° 39.6'	NE14 6N/17W	11,000 EST	10+	01/19/69	10/63 - 1/69	10/68 - 1/69	10/68	1/69	0.30'	Local
<p>Station is located 8.2 miles NW of Castaic and approximately 1 mile above the confluence of Castaic Creek with Fish Creek.</p> <p>Drainage Area is 35.4 square miles.</p>											



**DAILY MEAN DISCHARGE**  
(IN CUBIC FEET PER SECOND)

1972-73 Z-3-3333 CASTAIC LAGOON PARSNALL FLUME

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	20	0.3	4.7	41 E	8.0	81	7.1	4.4	3.7	3.4	3.6	3.9	1
2	20	0.2	13	41 E	7.6	63	6.5	4.4	3.8	3.4	3.6	4.0	2
3	17	5.5	12	42	7.4	43	5.5	4.3	3.8	3.4	3.7	4.0	3
4	5.1	11	13	27	7.2	43	5.1	4.3	3.8	3.4	3.7	4.1	4
5	0.3	12	13	19	7.1	36	5.0	4.2	3.8	3.4	3.7	4.2	5
6	5.8	13	12	17	8.0	22	5.0	4.2	3.8	3.4	3.7	4.3	6
7	12	14	13	16	17	18	5.1	4.2	3.8	3.4	3.7	4.2	7
8	13	16	12	16	124	27	5.0	4.2	3.8	3.5	3.7	4.2	8
9	14	15	13	18	152	58	4.9	4.2	3.8	3.5	3.7	4.3	9
10	15	17	13	16	138	43	4.9	4.2	3.7	3.5	3.8	4.3	10
11	18	21	9.2	15	1,600	41	5.0	4.1	3.6	3.5	3.8	4.4	11
12	19	19	0.3	15	304	22	5.0	4.1	3.6	3.5	3.8	4.4	12
13	19	19	0.4	14	785	19	5.0	4.1	3.6	3.5	3.8	4.5	13
14	20	26	0.3	14	200	21	5.0	4.0	3.5	3.5	3.9	6.2	14
15	20	24	4.0	13	76	36	4.9	4.0	3.4	3.5	3.9	7.0	15
16	20	26	15	16	30	33	4.9	4.0	3.4	3.5	3.9	6.8	16
17	20	26	33	19	46	13	5.0	4.0	3.4	3.6	3.9	6.7	17
18	20	22	43	25	48	11	5.0	4.0	3.2	3.6	4.0	6.5	18
19	20	19	59	44	48	9.3	4.6	4.0	3.0	3.6	4.0	6.4	19
20	21	7.6	53	19	49	26	4.3	4.0	3.0	3.6	4.0	6.4	20
21	20	0.4	49	21	49	93	4.3	3.9	3.0	3.6	4.0	6.2	21
22	20	4.0	43	43	45	84	4.3	3.9	3.0	3.5	4.0	6.1	22
23	20	37	41	53	22	37	4.3	3.8	3.1	3.6	4.0	6.1	23
24	9.2	74	44	29	19	13	4.4	3.8	3.1	3.4	3.7	5.9	24
25	1.0	86	40	15	18	11	4.4	3.8	3.2	3.3	3.7	5.7	25
26	0.3	90	41	13	18	9.3	4.4	3.8	3.2	3.4	3.7	5.9	26
27	3.0	88	43	11	20	8.8	4.4	3.5	3.3	3.4	3.7	6.2	27
28	12	73	43	10	112	8.5	4.5	3.4	3.3	3.4	3.7	6.3	28
29	13	18	42	9.4		7.8	4.4	3.4	3.4	3.5	3.8	6.3	29
30	7.9	2.3	43	8.9		7.4	4.4	3.7	3.4	3.5	3.8	6.3	30
31	0.3		45	8.4		7.3		3.7		3.6	3.8		31
MEAN	13.7	26.2	26.2	21.5	142	30.7	4.9	4.0	3.4	3.5	3.8	5.4	MEAN
MAX.	21	90	59	53	1,600	93	7.1	4.4	3.8	3.6	4.0	7.0	MAX.
MIN.	0.3	0.2	0.3	8.4	7.1	7.3	4.3	3.4	3.0	3.3	3.6	3.9	MIN.
AC. FT.	843	1,556	1,611	1,322	7,869	1,887	291	246	206	215	234	321	AC. FT.

E - ESTIMATED  
 NR - NO RECORD  
 \* - DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.  
 ± - E AND R

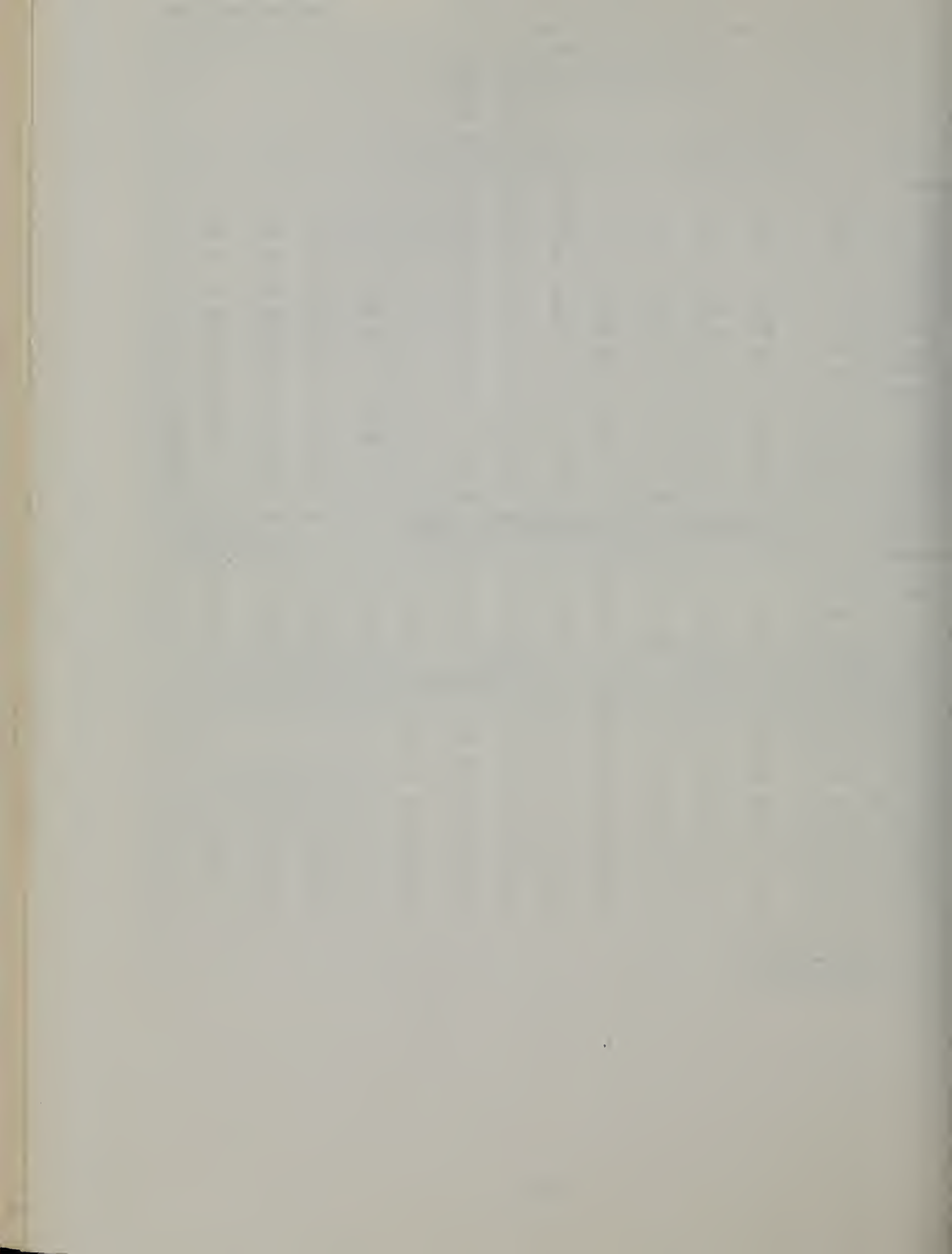
MEAN DISCHARGE	MAXIMUM					MINIMUM					TOTAL ACRE FEET
24	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME	16,600
	2,575	3.47	2	11	1215	0.2	0.10	11	2	0815	

LOCATION			MAXIMUM DISCHARGE			PERIOD OF RECORD		DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. A R. M.D.B.&M.	DF RECORD			DISCHARGE	GAGE HEIGHT ONLY	PERIOD		ZERO ON GAGE	REF. DATUM
			CFS	GAGE HT.	DATE			FROM	TO		
34° 29.52'	118° 36.44'	5E24 5N 17W	2,575	3.47	2/11/73	June 72 - Date	June 72 - Date	6/72	Date	1134.98	USC & GS
STATION INSTALLED 6/1/72											
Station is located 0.5 miles east of Castaic on Lake Hughes Road under bridge.											
Downstream release for Castaic Lagoon.											

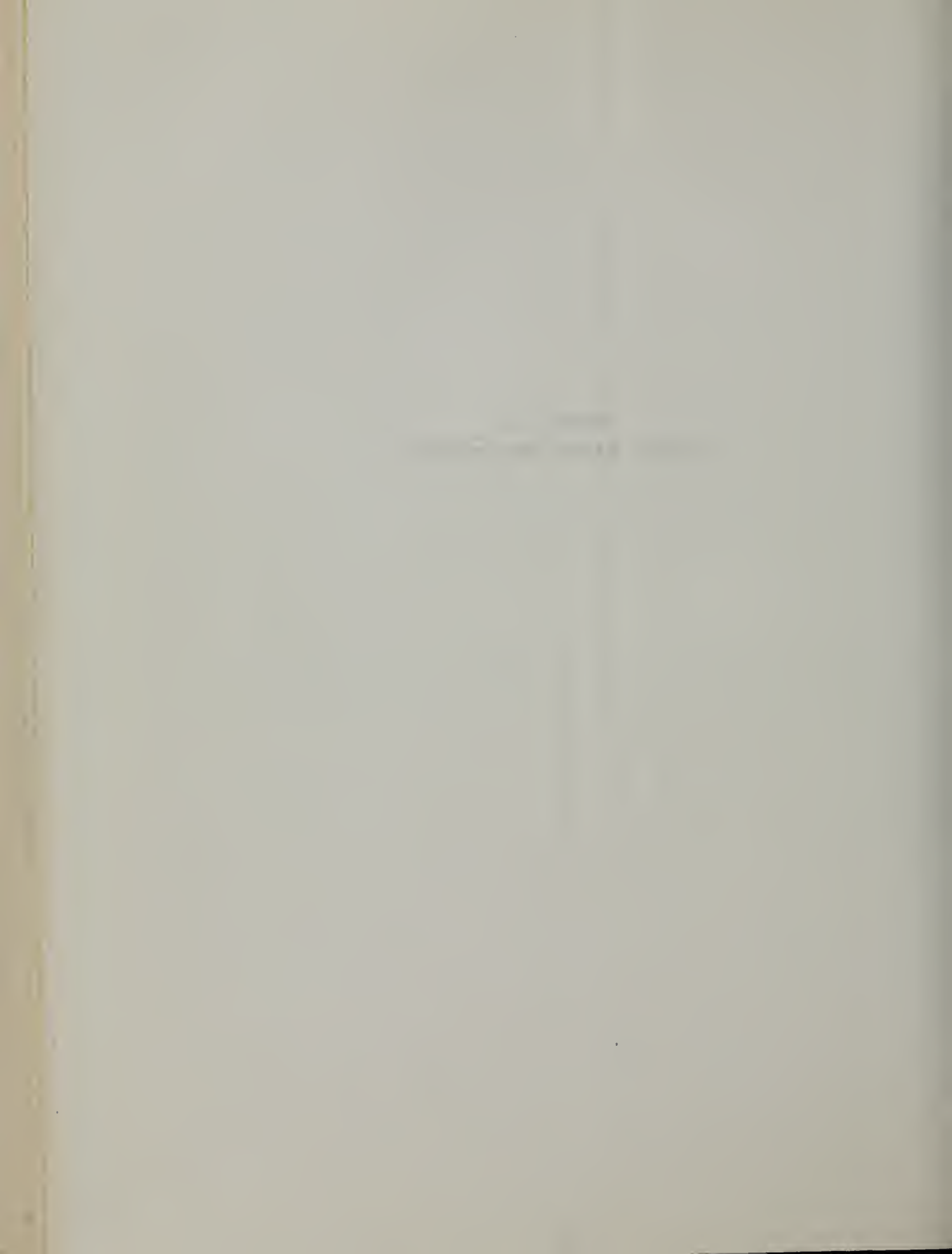
TABLE B - 3  
MONTHLY WATER CONTENT OF SELECTED SURFACE RESERVOIRS  
IN OR SUPPLYING WATER TO SOUTHERN CALIFORNIA  
OCTOBER 1, 1972 TO SEPTEMBER 30, 1973

Drainage province and stream	Reservoir	Active capacity in acre-feet	Water in storage on last day of month, in acre-feet **											
			October	November	December	January	February	March	April	May	June	July	August	September
<b>Central Coastal</b>														
Old Creek	Whale Rock	40,000	31,555	31,710	31,659	34,962	40,071	40,900	40,781	40,662	40,544	40,248	39,895	39,601
Santa Ynez River	Gibraltar	9,650	1,909	2,532	2,124	8,682	8,484	8,654	8,745	9,000	8,385	7,399	6,547	5,802
Santa Ynez River	Cachuma	204,900	118,497	117,980	117,075	125,090	197,581	205,589	206,490	204,628	199,515	194,406	189,274	185,591
Cuyama River	Twitchell	150,000	0	0	0	2,930	26,622	43,106	45,699	46,031	41,117	27,424	15,423	5,413
<b>Los Angeles</b>														
Matilija Creek	Matilija	2,500	123	529	536	625	1,706	1,041	1,016	1,339	1,570	1,546	1,475	1,474
Coyote Creek	Casitas	248,000	180,851	180,740	179,435	187,281	217,980	235,256	238,857	238,962	236,271	233,338	230,094	228,100
Piru Creek	Lake Piru	100,000	14,668	16,529	17,270	21,763	48,982	63,623	65,536	62,282	61,966	48,254	36,027	21,402
Bouquet Creek	Bouquet	36,510	33,786	33,725	30,800	25,830	32,342	27,860	31,274	34,702	34,335	32,942	29,679	27,402
San Gabriel River	Cogswell	9,340	590	731	936	1,748	5,255	6,070	6,490	6,956	6,452	5,434	4,441	3,422
San Gabriel River	San Gabriel	43,830	865	1,222	1,375	2,564	8,515	2,367	1,089	912	703	315	223	0
<b>Lahontan</b>														
Rush Creek	Grant Lake	47,530	15,117	14,771	8,904	13,744	19,162	19,012	18,489	34,045	41,214	39,146	31,730	28,017
Owens River	Long Valley***	183,470	57,996	62,789	72,213	78,331	79,276	91,201	101,936	120,609	155,930	167,597	157,359	134,538
Owens River	Haiwee (combined)	58,530	39,799	34,588	37,307	38,512	39,647	39,593	40,812	39,218	37,808	36,504	37,508	34,029
<b>Colorado River Basin</b>														
Colorado River	Lake Mead	27,207,000	17,819,000	18,088,000	18,645,000	19,200,000	19,453,000	19,980,000	20,966,000	20,937,000	20,993,000	20,796,000	20,445,000	20,176,000
Colorado River	Lake Mojave	1,810,000	1,582,300	1,600,400	1,494,000	1,606,800	1,747,800	1,679,100	1,606,800	1,772,800	1,639,000	1,493,500	1,506,500	1,412,200
Colorado River	Lake Havasu	619,000	543,600	531,900	538,200	539,100	534,600	562,400	595,600	606,600	603,000	593,000	572,000	559,000
<b>Santa Ana River</b>														
Bear Creek	Bear Valley	72,170	51,234	51,831	53,060	54,324	55,587	58,536	64,012	67,094	65,573	64,012	62,538	60,853
San Jacinto River	Lake Hemet	13,400	5,450	5,580	5,839	6,056	6,727	7,917	8,684	8,687	8,513	7,805	7,917	7,527
San Jacinto River	Railroad Canyon	14,700	6,649	7,848	7,906	8,223	10,011	10,363	10,031	9,430	10,222	9,224	8,355	7,804
Cajalco Creek	Lake Mathews*	182,000	121,980	127,087	119,050	159,180	174,892	173,984	172,468	170,087	135,403	109,875	100,025	94,342
Santiago Creek	Santiago*	25,000	4,280	3,525	4,770	7,825	11,285	16,130	16,525	16,055	15,635	13,140	10,725	8,345
<b>San Diego</b>														
Temecula Creek	Vail Lake	49,500	21,679	21,686	21,543	21,801	22,858	24,728	24,978	24,736	24,327	23,836	23,398	23,050
San Luis Rey River	Lake Henshaw	194,320	3,601	5,131	5,787	4,976	6,748	12,103	13,230	11,585	9,606	6,975	4,072	1,983
Santa Ysabel Creek	Sutherland	29,700	2,349	2,393	2,541	2,787	2,889	5,883	5,041	4,858	3,658	3,566	3,463	3,389
San Oreguito River	Lake Hodges*	33,550	382	822	1,225	1,873	2,561	3,846	2,926	2,386	1,767	1,688	1,525	1,231
San Vicente Creek	San Vicente*	90,230	65,624	70,810	69,917	74,309	76,799	81,504	83,101	83,246	81,781	83,982	81,596	78,802
Boulder Creek	Cuyamaca	11,600	551	626	827	1,213	2,127	4,778	4,842	2,033	878	800	758	726
Quail Canyon Creek	Lake Jennings*	10,500	8,206	8,081	7,460	8,081	8,019	8,206	8,206	8,397	8,444	8,365	8,206	8,096
San Diego River	El Capitan*	112,800	10,145	10,210	10,330	11,134	16,621	29,977	35,946	42,146	45,078	40,849	36,025	33,022
Sweetwater River	Lake Loveland	25,250	14,200	14,304	14,459	14,567	15,427	20,266	17,442	16,242	16,194	16,017	15,841	15,692
Sweetwater River	Sweetwater	27,150	3,251	2,762	2,017	2,032	2,421	2,901	4,646	5,574	4,685	3,990	3,316	2,836
Otay River	Lower Otay Lake*	56,520	6,567	6,770	6,196	5,820	5,951	9,071	10,333	11,153	11,828	12,363	11,991	11,625
Cottonwood Creek	Morena Lake	50,210	2,614	2,644	2,704	2,734	2,860	4,116	4,340	4,265	4,092	3,900	3,739	3,607
Cottonwood Creek	Barrett Lake	44,750	777	946	1,170	1,285	1,747	4,160	4,049	3,097	1,893	859	792	775

\* Includes imported Colorado River water.  
\*\* Data was supplied by various local sources.  
\*\*\* Formerly Lake Crowley Reservoir.



Appendix C  
**GROUND WATER MEASUREMENTS**





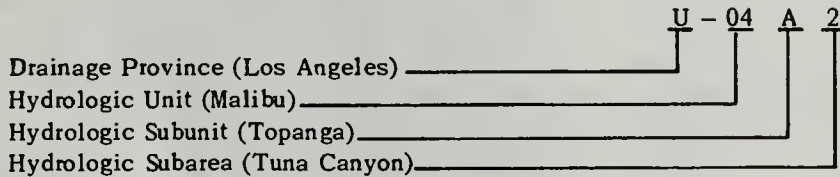
## Appendix C

### GROUND WATER MEASUREMENTS

This appendix contains ground water level measurements (Table C-1) for approximately 6,000 wells for the period October 1, 1972, through September 30, 1973. It also contains hydrographs of selected wells (Figure C-7) and a tabulation of ground water replenishment (Table C-2).

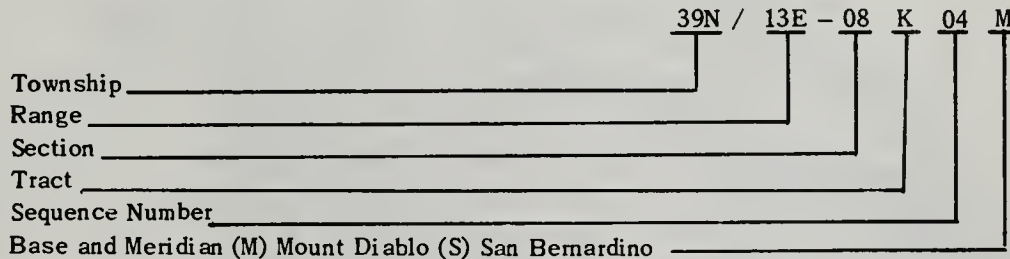
Two numbering systems are used by the Department to facilitate processing of water level measurement data. The two systems are the *Areal Designation* and the *State Well Numbering System* as described below.

The *Areal Designation System* comprises a series of major drainage provinces which are further subdivided into hydrologic units, hydrologic subunits, and hydrologic subareas. A coding system of the form *U-04.A2* has been developed as follows:



Figures C-1 through C-6 show the location and code number of each hydrologic subdivision in each drainage province, as well as the location of wells for which hydrographs are shown in Figure C-7.

The *State Well Numbering System* is based on township, range, and section subdivisions of the Public Land Survey. The number of a well, assigned in accordance with this system, is referred to as the *State Well Number*, as illustrated below:



This number identifies and locates the well. In the example, the well is in Township 39 North, Range 13 East, Tract K of Section 8, located in the Mount Diablo Base and Meridian. A section is divided into 40-acre tracts as shown:

D	C	B	A
E	F	G	H
M	L	<b>K</b>	J
N	P	Q	R

Sequence numbers in a tract are generally assigned in chronological order. The example designates the fourth well to be assigned a number in Tract K.

**AREAL DESIGNATIONS  
HYDROLOGIC UNITS SUBUNITS AND SUBAREAS  
CENTRAL COASTAL DRAINAGE PROVINCE**

- T-09.00 SALINAS HYDROLOGIC UNIT
  - T-09.H0 Paso Robles Hydrologic Subunit
  - T-09.I0 Pozo Hydrologic Subunit
  
- T-10.00 SAN LUIS OBISPO HYDROLOGIC UNIT
  - T-10.A0 Cambria Hydrologic Subunit
    - T-10.A1 San Carpofofo Hydrologic Subarea
    - T-10.A2 Arroyo De La Cruz Hydrologic Subarea
    - T-10.A3 San Simeon Hydrologic Subarea
    - T-10.A4 Santa Rosa Hydrologic Subarea
    - T-10.A5 Villa Hydrologic Subarea
    - T-10.A6 Cayucos Hydrologic Subarea
    - T-10.A7 Old Hydrologic Subarea
    - T-10.A8 Toro Hydrologic Subarea
  - T-10.B0 San Luis Obispo Hydrologic Subunit
    - T-10.B1 Morro Hydrologic Subarea
    - T-10.B2 Chorro Hydrologic Subarea
    - T-10.B3 Los Osos Hydrologic Subarea
    - T-10.B4 San Luis Obispo Creek Hydrologic Subarea
    - T-10.B5 Point San Luis Hydrologic Subarea
    - T-10.B6 Pismo Hydrologic Subarea
  - T-10.C0 Arroyo Grande Hydrologic Subunit
    - T-10.C1 Arroyo Grande Hydrologic Subarea
    - T-10.C2 Nipomo Mesa Hydrologic Subarea
  
- T-11.00 CARRIZO PLAIN HYDROLOGIC UNIT
  
- T-12.00 SANTA MARIA-CUYAMA HYDROLOGIC UNIT
  - T-12.A0 Santa Maria Hydrologic Subunit
  - T-12.B0 Sisquoc Hydrologic Subunit
  - T-12.C0 Cuyama Valley Hydrologic Subunit
  
- T-13.00 SAN ANTONIO HYDROLOGIC UNIT
  
- T-14.00 SANTA YNEZ HYDROLOGIC UNIT
  - T-14.A0 Lompoc Hydrologic Subunit
  - T-14.E0 Santa Rita Hydrologic Subunit
  - T-14.C0 Buellton Hydrologic Subunit
  - T-14.D0 Santa Ynez Hydrologic Subunit
  - T-14.E0 Headwater Hydrologic Subunit
  
- T-15.00 SANTA BARBARA HYDROLOGIC UNIT
  - T-15.A0 Arguello Hydrologic Subunit
  - T-15.C0 South Coast Hydrologic Subunit
    - T-15.C1 Goleta Hydrologic Subarea
    - T-15.C2 Santa Barbara Hydrologic Subarea
    - T-15.C3 Montecito Hydrologic Subarea
    - T-15.C4 Carpinteria Hydrologic Subarea





**AREAL DESIGNATIONS**  
**HYDROLOGIC UNITS SUBUNITS AND SUBAREAS**  
**LOS ANGELES DRAINAGE PROVINCE**

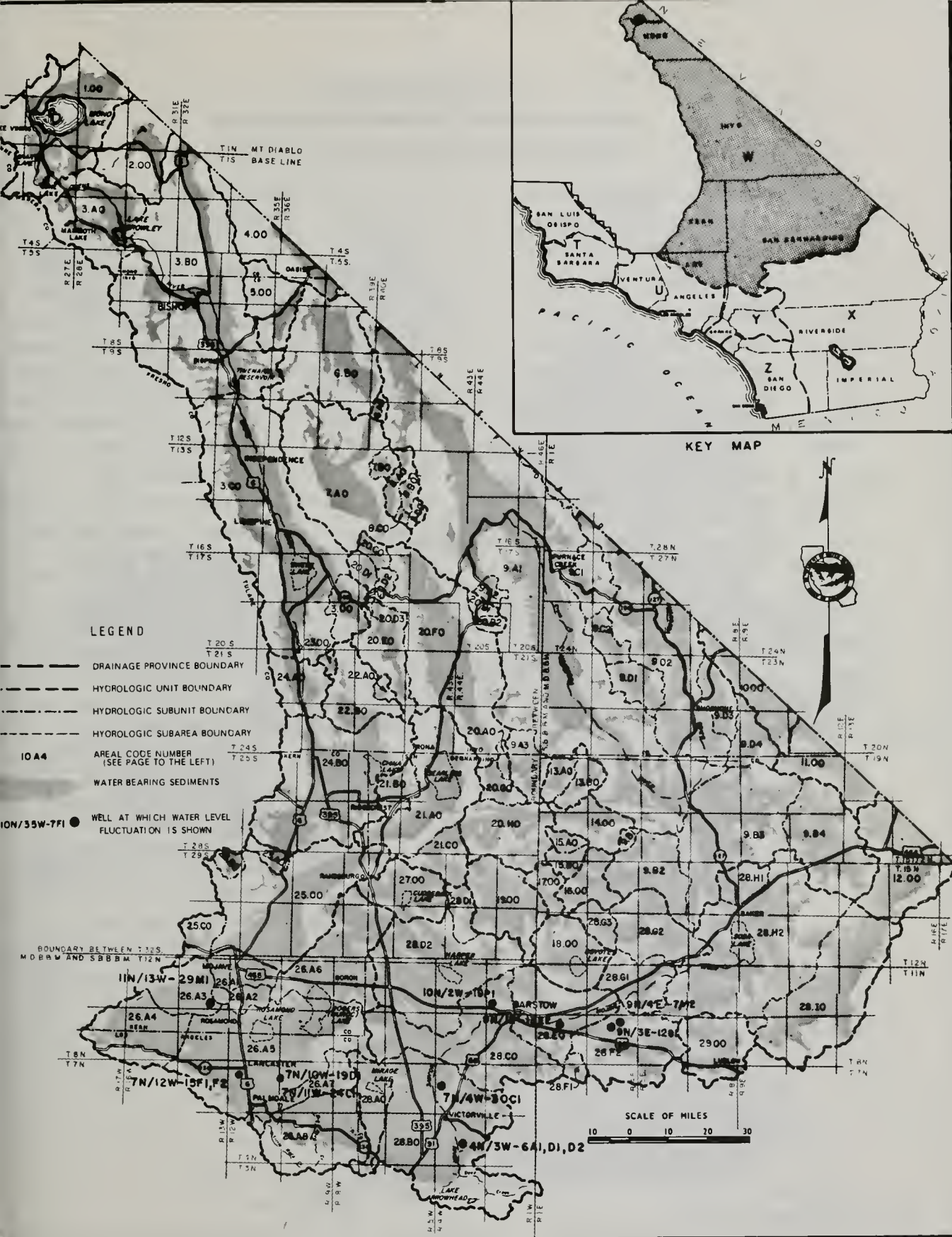
U-01.00	RINCON CREEK HYDROLOGIC UNIT	U-04.C0	Point Dume Hydrologic Subunit
U-02.00	VENTURA RIVER HYDROLOGIC UNIT	U-04.C1	Corral Canyon Hydrologic Subarea
U-02.A0	Lower Ventura River Hydrologic Subunit	U-04.C2	Solstice Canyon Hydrologic Subarea
U-02.B0	Upper Ventura River Hydrologic Subunit	U-04.C3	Latigo Canyon Hydrologic Subarea
U-02.C0	Ojai Hydrologic Subunit	U-04.C4	Escondido Canyon Hydrologic Subarea
U-02.C1	Upper Ojai Hydrologic Subarea	U-04.C5	Ramera Canyon Hydrologic Subarea
U-02.C2	Ojai Hydrologic Subarea	U-04.C6	Zuma Canyon Hydrologic Subarea
U-03.00	SANTA CLARA-CALLEGUAS HYDROLOGIC UNIT	U-04.C7	Trancas Canyon Hydrologic Subarea
U-03.A0	Oxnard Plain Hydrologic Subunit	U-04.D0	Camarillo Hydrologic Subunit
U-03.A1	Oxnard Hydrologic Subarea	U-04.D1	Encinal Canyon Hydrologic Subarea
U-03.A2	Pleasant Valley Hydrologic Subarea	U-04.D2	Los Alisos Canyon Hydrologic Subarea
U-03.B0	Santa Paula Hydrologic Subunit	U-04.D3	Nicholas Canyon Hydrologic Subarea
U-03.B1	Santa Paula Hydrologic Subarea	U-04.D4	Arroyo Sequit Hydrologic Subarea
U-03.B2	Sisar Hydrologic Subarea	U-04.D5	Little Sycamore Canyon Hydrologic Subarea
U-03.C0	Sespe Hydrologic Subunit	U-04.D6	Deer Canyon Hydrologic Subarea
U-03.C1	Fillmore Hydrologic Subarea	U-04.D7	Big Sycamore Canyon Hydrologic Subarea
U-03.C2	Sespe Hydrologic Subarea	U-04.D8	La Jolla Valley Hydrologic Subarea
U-03.D0	Piru Hydrologic Subunit	U-05.00	LOS ANGELES-SAN GABRIEL RIVER HYDROLOGIC UNIT
U-03.D1	Piru Hydrologic Subarea	U-05.A0	Coastal Plain of Los Angeles County Hydrologic Subunit
U-03.D2	Upper Piru Hydrologic Subarea	U-05.A1	Palos Verdes Hydrologic Subarea
U-03.D3	Hungry Valley Hydrologic Subarea	U-05.A2	West Coast Hydrologic Subarea
U-03.D4	Stauffer Hydrologic Subarea	U-05.A3	Santa Monica Hydrologic Subarea
U-03.E0	Upper Santa Clara River Hydrologic Subunit	U-05.A4	Hollywood Hydrologic Subarea
U-03.E1	Eastern Hydrologic Subarea	U-05.A5	Central Hydrologic Subarea
U-03.E2	Bouquet Hydrologic Subarea	U-05.B0	San Fernando Hydrologic Subunit
U-03.E3	Mint Canyon Hydrologic Subarea	U-05.B1	San Fernando Hydrologic Subarea
U-03.E4	Sierra Pelona Hydrologic Subarea	U-05.B2	Sylmar Hydrologic Subarea
U-03.E5	Acton Hydrologic Subarea	U-05.B3	Tujunga Hydrologic Subarea
U-03.F0	Calleguas-Conejo Hydrologic Subunit	U-05.B4	Verdugo Hydrologic Subarea
U-03.F1	West Las Posas Hydrologic Subarea	U-05.B5	Eagle Rock Hydrologic Subarea
U-03.F2	East Las Posas Hydrologic Subarea	U-05.C0	Raymond Hydrologic Subunit
U-03.F3	Arroyo Santa Rosa Hydrologic Subarea	U-05.C1	Pasadena Hydrologic Subarea
U-03.F4	Conejo Valley Hydrologic Subarea	U-05.C2	Monk Hill Hydrologic Subarea
U-03.F5	Tierra Rejada Valley Hydrologic Subarea	U-05.C3	Santa Anita Hydrologic Subarea
U-03.F6	Gillibrand Hydrologic Subarea	U-05.D0	San Gabriel Valley Hydrologic Subunit
U-03.F7	Simi Valley Hydrologic Subarea	U-05.D1	Main San Gabriel Hydrologic Subarea
U-03.F8	Thousand Oaks Hydrologic Subarea	U-05.D2	Lower Canyon Hydrologic Subarea
U-04.00	MALIBU HYDROLOGIC UNIT	U-05.D3	Upper Canyon Hydrologic Subarea
U-04.A0	Topanga Hydrologic Subunit	U-05.D4	Foothill Hydrologic Subarea
U-04.A1	Topanga Canyon Hydrologic Subarea	U-05.E0	Spadra Hydrologic Subunit
U-04.A2	Tuna Canyon Hydrologic Subarea	U-05.E1	Spadra Hydrologic Subarea
U-04.A3	Pena Canyon Hydrologic Subarea	U-05.E2	Pomona Hydrologic Subarea
U-04.A4	Piedra Gorda Canyon Hydrologic Subarea	U-05.E3	Live Oak Hydrologic Subarea
U-04.A5	Las Flores Canyon Hydrologic Subarea	U-05.F0	Anaheim Hydrologic Subunit
U-04.A6	Carbon Canyon Hydrologic Subarea	U-05.F1	Anaheim Hydrologic Subarea
U-04.B0	Malibu Creek Hydrologic Subunit	U-05.F2	La Habra Hydrologic Subarea
U-04.B1	Malibu Creek Hydrologic Subarea	U-05.F3	Yorba Linda Hydrologic Subarea
U-04.B2	Las Virgenes Canyon Hydrologic Subarea		
U-04.B3	Lindero Canyon Hydrologic Subarea		
U-04.B4	Triunfo Canyon Hydrologic Subarea		
U-04.B5	Russell Valley Hydrologic Subarea		
U-04.B6	Sherwood Hydrologic Subarea		





**AREAL DESIGNATIONS**  
**HYDROLOGIC UNITS SUBUNITS AND SUBAREAS**  
**LAHONTAN DRAINAGE PROVINCE**

W-01.00	MONO HYDROLOGIC UNIT	W-20.00	PANAMINT HYDROLOGIC UNIT
W-02.00	ADOBE HYDROLOGIC UNIT	W-20.A0	Wingate Pass Hydrologic Subunit
W-03.00	OWENS HYDROLOGIC UNIT	W-20.B0	Wild Rose Hydrologic Subunit
W-03.A0	Long Hydrologic Subunit	W-20.B1	White Sage Hydrologic Subarea
W-03.B0	Upper Owens Hydrologic Subunit	W-20.B2	Wild Rose Hydrologic Subarea
W-03.C0	Lower Owens Hydrologic Subunit	W-20.C0	Lee Flat Hydrologic Subunit
W-03.D0	Centennial Hydrologic Subunit	W-20.D0	Santa Rosa Flat Hydrologic Subunit
W-04.00	FISII LAKE HYDROLOGIC UNIT	W-20.D1	Santa Rosa Flat Hydrologic Subarea
W-05.00	DEEP SPRINGS HYDROLOGIC UNIT	W-20.D2	Rainbow Hydrologic Subarea
W-06.00	EUREKA HYDROLOGIC UNIT	W-20.D3	Silver Dollar Hydrologic Subarea
W-06.A0	Marble Bath Hydrologic Subunit	W-20.E0	Darwin Hydrologic Subunit
W-06.B0	Eureka Hydrologic Subunit	W-20.F0	Panamint Hydrologic Subunit
W-07.00	SALINE HYDROLOGIC UNIT	W-20.G0	Brown Hydrologic Subunit
W-07.A0	Saline Hydrologic Subunit	W-20.H0	Robbers Hydrologic Subunit
W-07.B0	Cameo Hydrologic Subunit	W-21.00	SEARLES HYDROLOGIC UNIT
W-08.00	RACE TRACK HYDROLOGIC UNIT	W-21.A0	Searles Hydrologic Subunit
W-08.A0	Race Track Hydrologic Subunit	W-21.B0	Salt Wells Hydrologic Subunit
W-08.B0	Hidden Valley Hydrologic Subunit	W-21.C0	Pilot Knob Hydrologic Subunit
W-08.C0	Ulida Hydrologic Subunit	W-22.00	COSO HYDROLOGIC UNIT
W-08.D0	Sand Flat Hydrologic Subunit	W-22.A0	Wild Horse Hydrologic Subunit
W-09.00	AMARGOSA HYDROLOGIC UNIT	W-22.B0	Coso Hydrologic Subunit
W-09.A0	Death Valley Hydrologic Subunit	W-23.00	UPPER CACTUS HYDROLOGIC UNIT
W-09.A1	Death Valley Hydrologic Subarea	W-24.00	INDIAN WELLS HYDROLOGIC UNIT
W-09.A2	Harrisburgh Hydrologic Subarea	W-24.A0	Rose Hydrologic Subunit
W-09.A3	Wingate Wash Hydrologic Subarea	W-24.B0	Indian Wells Hydrologic Subunit
W-09.B0	Valjean Hydrologic Subunit	W-25.00	FREMONT HYDROLOGIC UNIT
W-09.B1	Avawatz Hydrologic Subarea	W-25.A0	Dove Springs Hydrologic Subunit
W-09.B2	Red Pass Hydrologic Subarea	W-25.B0	Kelso Landis Hydrologic Subunit
W-09.B3	Valjean Hydrologic Subarea	W-25.C0	East Tehachapi Hydrologic Subunit
W-09.B4	Shadow Hydrologic Subarea	W-25.D0	Koehn Hydrologic Subunit
W-09.C0	Fumace Creek Hydrologic Subunit	W-26.00	ANTELOPE HYDROLOGIC UNIT
W-09.C1	Fumace Creek Hydrologic Subarea	W-26.A0	Antelope Hydrologic Subunit
W-09.C2	Greenwater Hydrologic Subarea	W-26.A1	Chafee Hydrologic Subarea
W-09.D0	Amargosa Hydrologic Subunit	W-26.A2	Gloster Hydrologic Subarea
W-09.D1	Calico Hydrologic Subarea	W-26.A3	Willow Springs Hydrologic Subarea
W-09.D2	Amargosa Hydrologic Subarea	W-26.A4	Neenach Hydrologic Subarea
W-09.D3	Chicago Hydrologic Subarea	W-26.A5	Lancaster Hydrologic Subarea
W-09.D4	California Hydrologic Subarea	W-26.A6	North Muroc Hydrologic Subarea
W-10.00	PAHRUMP HYDROLOGIC UNIT	W-26.A7	Buttes Hydrologic Subarea
W-11.00	MESQUITE HYDROLOGIC UNIT	W-26.A8	Rock Creek Hydrologic Subarea
W-12.00	IVANPAH HYDROLOGIC UNIT	W-27.00	CUDDEBACK HYDROLOGIC UNIT
W-13.00	OWLSHEAD HYDROLOGIC UNIT	W-28.00	MOJAVE HYDROLOGIC UNIT
W-13.A0	Lost Lake Hydrologic Subunit	W-28.A0	El Mirage Hydrologic Subunit
W-13.B0	Owlshead Hydrologic Subunit	W-28.B0	Upper Mojave Hydrologic Subunit
W-14.00	LEACH HYDROLOGIC UNIT	W-28.C0	Middle Mojave Hydrologic Subunit
W-15.00	NELSON HYDROLOGIC UNIT	W-28.D0	Harper Hydrologic Subunit
W-15.A0	McLean Hydrologic Subunit	W-28.D1	Grass Valley Hydrologic Subarea
W-15.B0	Nelson Hydrologic Subunit	W-28.D2	Harper Hydrologic Subarea
W-16.00	BICYCLE HYDROLOGIC UNIT	W-28.E0	Lower Mojave Hydrologic Subunit
W-17.00	GOLDSTONE HYDROLOGIC UNIT	W-28.F0	Troy Hydrologic Subunit
W-18.00	COYOTE HYDROLOGIC UNIT	W-28.F1	Kane Wash Hydrologic Subarea
W-19.00	SUPERIOR HYDROLOGIC UNIT	W-28.F2	Troy Hydrologic Subarea
		W-28.G0	Afton Hydrologic Subunit
		W-28.G1	Caves Hydrologic Subarea
		W-28.G2	Cronese Hydrologic Subarea
		W-28.G3	Langford Hydrologic Subarea
		W-28.H0	Baker Hydrologic Subunit
		W-28.H1	Silver Lake Hydrologic Subarea
		W-28.H2	Soda Lake Hydrologic Subarea
		W-28.I0	Kelso Hydrologic Subunit
		W-29.00	BROADWELL HYDROLOGIC UNIT



**NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS  
LAHONTAN DRAINAGE PROVINCE (W)**



**AREAL DESIGNATIONS**  
**HYDROLOGIC UNITS SUBUNITS AND SUBAREAS**  
**COLORADO RIVER BASIN DRAINAGE PROVINCE**

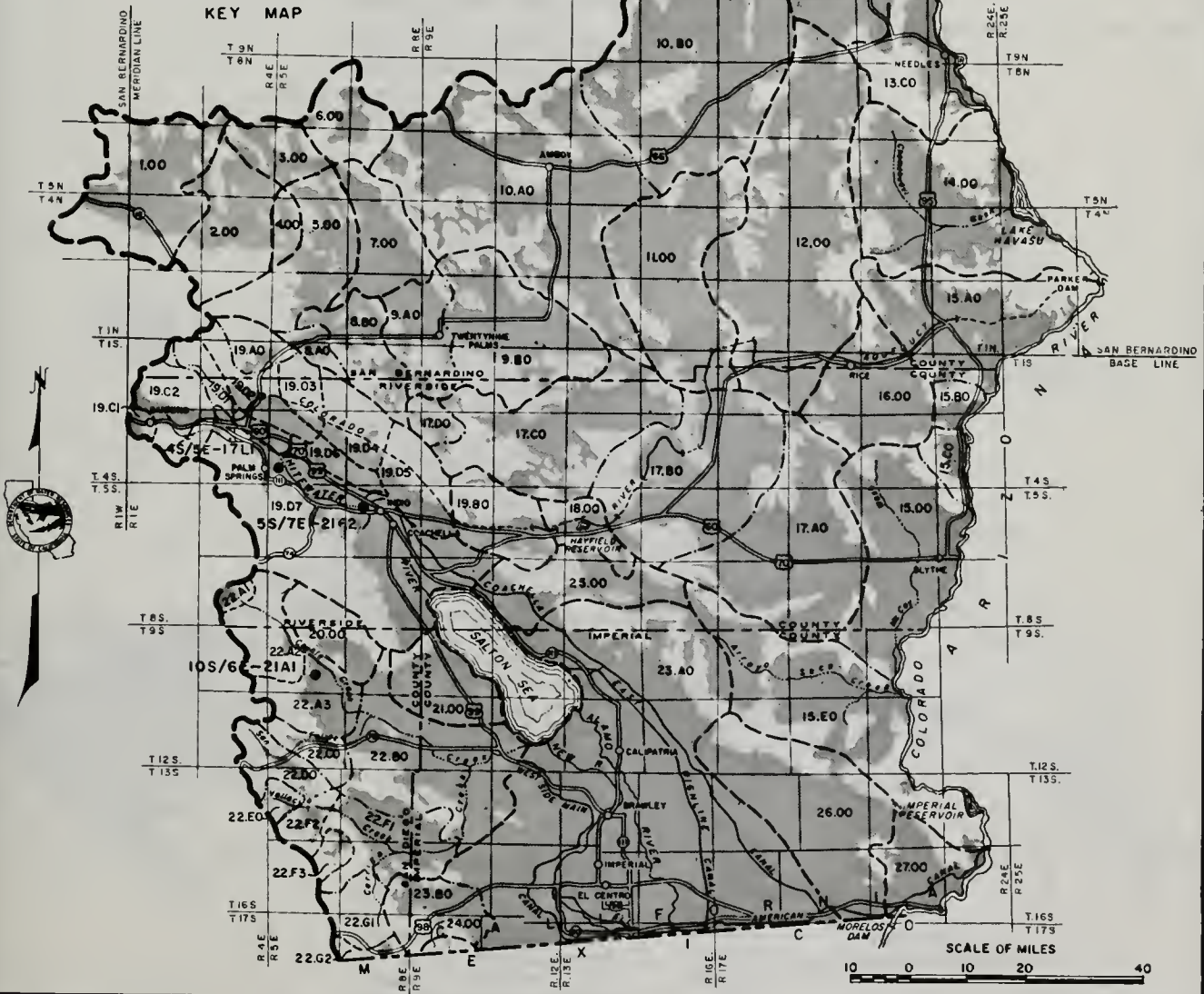
X-1.00	LUCERNE HYDROLOGIC UNIT	X-19.00	WHITEWATER HYDROLOGIC UNIT
X-2.00	JOHNSON HYDROLOGIC UNIT	X-19.A0	Morongo Hydrologic Subunit
X-3.00	BESSEMER HYDROLOGIC UNIT	X-19.B0	Shavers Hydrologic Subunit
X-4.00	MEANS HYDROLOGIC UNIT	X-19.C0	San Gorgonio Hydrologic Subunit
X-5.00	EMERSON HYDROLOGIC UNIT	X-19.C1	Beaumont Hydrologic Subarea
X-6.00	LAVIC HYDROLOGIC UNIT	X-19.C2	San Gorgonio Hydrologic Subarea
X-7.00	DEADMAN HYDROLOGIC UNIT	X-19.D0	Coachella Hydrologic Subunit
X-8.00	JOSHUA TREE HYDROLOGIC UNIT	X-19.D1	Gamet Hill Hydrologic Subarea
X-8.A0	Warren Hydrologic Subunit	X-19.D2	Mission Creek Hydrologic Subarea
X-8.B0	Copper Mountain Hydrologic Subunit	X-19.D3	Miracle Hill Hydrologic Subarea
X-9.00	DALE HYDROLOGIC UNIT	X-19.D4	Sky Valley Hydrologic Subarea
X-9.A0	Twentynine Palms Hydrologic Subunit	X-19.D5	Fargo Canyon Hydrologic Subarea
X-9.B0	Dale Hydrologic Subunit	X-19.D6	Thousand Palms Hydrologic Subarea
X-10.00	BRISTOL HYDROLOGIC UNIT	X-19.D7	Indio Hydrologic Subarea
X-10.A0	Bristol Hydrologic Subunit	X-20.00	CLARK HYDROLOGIC UNIT
X-10.B0	Fenner Hydrologic Subunit	X-21.00	WEST SALTON SEA HYDROLOGIC UNIT
X-11.00	CADIZ HYDROLOGIC UNIT	X-22.00	ANZA-BORREGO HYDROLOGIC UNIT
X-12.00	WARD HYDROLOGIC UNIT	X-22.A0	Borrego Hydrologic Subunit
X-13.00	PIUTE HYDROLOGIC UNIT	X-22.A1	Terwilliger Hydrologic Subarea
X-13.A0	Lanfair Hydrologic Subunit	X-22.A2	Collins Hydrologic Subarea
X-13.B0	Piute Hydrologic Subunit	X-22.A3	Borrego Hydrologic Subarea
X-13.C0	Needles Hydrologic Subunit	X-22.B0	Ocotillo-Lower San Felipe Hydrologic Subarea
X-14.00	CHEMEHUEVI HYDROLOGIC UNIT	X-22.C0	Mescal Bajada Hydrologic Subunit
X-15.00	COLORADO HYDROLOGIC UNIT	X-22.D0	San Felipe Hydrologic Subunit
X-15.A0	Vidal Hydrologic Subunit	X-22.E0	Mason Hydrologic Subunit
X-15.B0	Big Wash Hydrologic Subunit	X-22.F0	Vallecito-Carrizo Hydrologic Subunit
X-15.C0	Quien Sabe Hydrologic Subunit	X-22.F1	Carrizo Hydrologic Subarea
X-15.D0	Palo Verde Hydrologic Subunit	X-22.F2	Vallecito Hydrologic Subarea
X-15.E0	Arroyo Seco Hydrologic Subunit	X-22.F3	Canebrake Hydrologic Subarea
X-16.00	RICE HYDROLOGIC UNIT	X-22.G0	Jacumba Hydrologic Subunit
X-17.00	CHUCKWALLA HYDROLOGIC UNIT	X-22.G1	McCain Hydrologic Subarea
X-17.A0	Ford Hydrologic Subunit	X-22.G2	Jacumba Hydrologic Subarea
X-17.B0	Palen Hydrologic Subunit	X-23.00	IMPERIAL HYDROLOGIC UNIT
X-17.C0	Pinto Hydrologic Subunit	X-23.A0	Imperial Hydrologic Subunit
X-17.D0	Pleasant Hydrologic Subunit	X-23.B0	Coyote Wells Hydrologic Subunit
X-18.00	HAYFIELD HYDROLOGIC UNIT	X-24.00	DAVIES HYDROLOGIC UNIT
		X-25.00	EAST SALTON SEA HYDROLOGIC UNIT
		X-26.00	AMOS-OGILBY HYDROLOGIC UNIT
		X-27.00	YUMA HYDROLOGIC UNIT



LEGEND

- ORAINAGE PROVINCE BOUNDARY
- - - - - HYOROLOGIC UNIT BOUNDARY
- · - · - HYOROLOGIC SURUNIT BOUNDARY
- · - · - HYOROLOGIC SUBAREA BOUNDARY
- 10 A4 AREAL CODE NUMBER (SEE PAGE TO THE LEFT)
- Water bearing sediments (shaded area)
- ION/35W-7F1 ● WELL AT WHICH WATER LEVEL FLUCTUATION IS SHOWN

KEY MAP







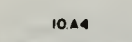
**NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS  
COLORADO RIVER BASIN DRAINAGE PROVINCE (X)**

**AREAL DESIGNATIONS**  
**HYDROLOGIC UNITS SUBUNITS AND SUBAREAS**  
**SANTA ANA DRAINAGE PROVINCE**

Y-01.00	SANTA ANA RIVER HYDROLOGIC UNIT
Y-01.A0	Lower Santa Ana River Hydrologic Subunit
Y-01.A1	East Coastal Plain Hydrologic Subarea
Y-01.A2	Santiago Hydrologic Subarea
Y-01.A3	Santa Ana Narrows Hydrologic Subarea
Y-01.B0	Middle Santa Ana River Hydrologic Subunit
Y-01.B1	Chino Hydrologic Subarea
Y-01.B2	Harrison Hydrologic Subarea
Y-01.B3	Claremont Heights Hydrologic Subarea
Y-01.B4	Cucamonga Hydrologic Subarea
Y-01.B5	Temescal Hydrologic Subarea
Y-01.B6	Arlington Hydrologic Subarea
Y-01.B7	Riverside Hydrologic Subarea
Y-01.C0	Lake Mathews Hydrologic Subunit
Y-01.C1	Coldwater Hydrologic Subarea
Y-01.C2	Bedford Hydrologic Subarea
Y-01.C3	Cajalco Hydrologic Subarea
Y-01.C4	Lee Lake Hydrologic Subarea
Y-01.C5	Terra Cotta Hydrologic Subarea
Y-01.D0	Colton-Rialto Hydrologic Subunit
Y-01.D1	Upper Lytle Hydrologic Subarea
Y-01.D2	Lower Lytle Hydrologic Subarea
Y-01.D3	Upper Colton-Rialto Hydrologic Subarea
Y-01.D4	Colton-Rialto Hydrologic Subarea
Y-01.D5	Reche Hydrologic Subarea
Y-01.E0	Upper Santa Ana River Hydrologic Subunit
Y-01.E1	Cajon Hydrologic Subarea
Y-01.E2	Bunker Hill Hydrologic Subarea
Y-01.E3	Redlands Hydrologic Subarea
Y-01.E4	Mentone Hydrologic Subarea
Y-01.E5	Reservoir Hydrologic Subarea
Y-01.E6	Crafton Hydrologic Subarea
Y-01.E7	Santa Ana Canyon Hydrologic Subarea
Y-01.E8	Mill Creek Hydrologic Subarea
Y-01.E9	Sycamore Hydrologic Subarea
Y-01.F0	San Timoteo Hydrologic Subunit
Y-01.F1	Yucaipa Hydrologic Subarea
Y-01.F2	San Timoteo Hydrologic Subarea
Y-01.F3	Cherry Valley Hydrologic Subarea
Y-01.F4	Chicken Hill Hydrologic Subarea
Y-01.F5	Gateway Hydrologic Subarea
Y-01.F6	Oak Glen Hydrologic Subarea
Y-01.F7	South Mesa Hydrologic Subarea
Y-01.F8	Triple Falls Creek Hydrologic Subarea
Y-01.F9	Nobie Creek Hydrologic Subarea
Y-01.G0	San Bernardino Mountain Hydrologic Subunit
Y-01.G1	Bear Valley Hydrologic Subarea
Y-01.G2	Seven Oaks Hydrologic Subarea
Y-01.G3	Baldwin Hydrologic Subarea
Y-02.00	SAN JACINTO VALLEY HYDROLOGIC UNIT
Y-02.A0	Perris Hydrologic Subunit
Y-02.A1	Perris Valley Hydrologic Subarea
Y-02.A2	Menifee Hydrologic Subarea
Y-02.A3	Winchester Hydrologic Subarea
Y-02.A4	Lakeview Hydrologic Subarea
Y-02.A5	Hemet Hydrologic Subarea
Y-02.B0	San Jacinto Hydrologic Subunit
Y-02.B1	San Jacinto Hydrologic Subarea
Y-02.B2	Hemet Lake Hydrologic Subarea
Y-02.B3	Bautista Hydrologic Subarea
Y-02.C0	Elsinore Hydrologic Subunit
Y-02.C1	Elsinore Hydrologic Subarea
Y-02.C2	Railroad Hydrologic Subarea

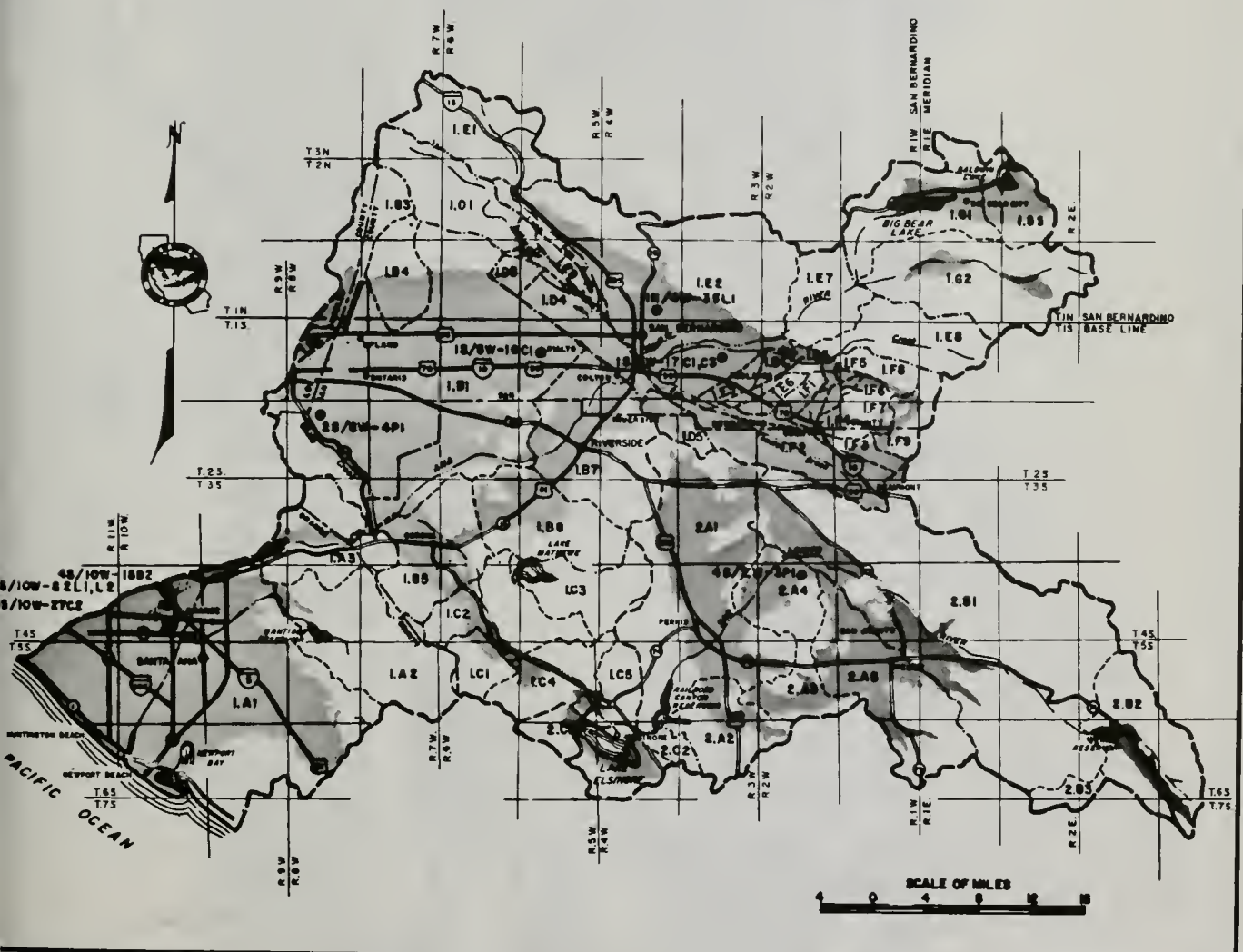


LEGEND

-  DRAINAGE PROVINCE BOUNDARY
-  HYDROLOGIC UNIT BOUNDARY
-  HYDROLOGIC SUBUNIT BOUNDARY
-  HYDROLOGIC SUBAREA BOUNDARY
- 10A4** AREAL CODE NUMBER (SEE PAGE TO THE LEFT)
-  WATER BEARING SEDIMENTS
- 10N/39W-7F1** ● WELL AT WHICH WATER LEVEL FLUCTUATION IS SHOWN



KEY MAP



**NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS  
SANTA ANA DRAINAGE PROVINCE (Y)**





**AREAL DESIGNATIONS  
HYDROLOGIC UNITS SUBUNITS AND SUBAREAS**

**SAN DIEGO DRAINAGE PROVINCE**

Z-01.00	<b>SAN JUAN HYDROLOGIC UNIT</b>	Z-05.D0	Santa Maria Valley Hydrologic Subunit
Z-01.A0	Laguna Hydrologic Subunit	Z-05.D1	Ramona Hydrologic Subarea
Z-01.A1	San Joaquin Hydrologic Subarea	Z-05.D2	Lower Hatfield Hydrologic Subarea
Z-01.A2	Laguna Hydrologic Subarea	Z-05.D3	Wash Hollow Hydrologic Subarea
Z-01.A3	Aliso Hydrologic Subarea	Z-05.D4	Upper Hatfield Hydrologic Subarea
Z-01.A4	Dana Point Hydrologic Subarea	Z-05.D5	Ballena Hydrologic Subarea
Z-01.B0	San Juan Hydrologic Subunit	Z-05.D6	East Santa Teresa Hydrologic Subarea
Z-01.D0	San Clemente Hydrologic Subunit	Z-05.D7	West Santa Teresa Hydrologic Subarea
Z-01.E0	San Onofre Hydrologic Subunit	Z-05.E0	Santa Ysabel Hydrologic Subunit
Z-01.E1	San Onofre Hydrologic Subarea	Z-05.E1	Boden Hydrologic Subarea
Z-01.E2	Las Pulgas Hydrologic Subarea	Z-05.E2	Pamo Hydrologic Subarea
Z-01.E3	Stuart Hydrologic Subarea	Z-05.E3	Sutherland Hydrologic Subarea
		Z-05.E4	Santa Ysabel Hydrologic Subarea
Z-02.00	<b>SANTA MARGARITA HYDROLOGIC UNIT</b>	Z-06.00	<b>PENASQUITOS HYDROLOGIC UNIT</b>
Z-02.A0	Ysidora Hydrologic Subunit	Z-06.A0	Soledad Hydrologic Subunit
Z-02.A1	Ysidora Hydrologic Subarea	Z-06.B0	Poway Hydrologic Subunit
Z-02.A2	Chappo Hydrologic Subarea	Z-06.C0	Scrapps Hydrologic Subunit
Z-02.A3	Upper Ysidora Hydrologic Subarea	Z-06.D0	Miramar Hydrologic Subunit
Z-02.B0	De Luz Hydrologic Subunit	Z-06.E0	Tecolote Hydrologic Subunit
Z-02.B1	De Luz Hydrologic Subarea		
Z-02.B2	Gavilan Hydrologic Subarea	Z-07.00	<b>SAN DIEGO HYDROLOGIC UNIT</b>
Z-02.B3	Vallecitos Hydrologic Subarea	Z-07.A0	Lower San Diego Hydrologic Subunit
Z-02.C0	Murrieta Hydrologic Subunit	Z-07.A1	Mission San Diego Hydrologic Subarea
Z-02.C1	Wildomar Hydrologic Subarea	Z-07.A2	Santee Hydrologic Subarea
Z-02.C2	Murrieta Hydrologic Subarea	Z-07.A3	El Cajon Hydrologic Subarea
Z-02.C3	French Hydrologic Subarea	Z-07.A4	Coches Hydrologic Subarea
Z-02.C4	Lower Domenigoni Hydrologic Subarea	Z-07.A5	El Monte Hydrologic Subarea
Z-02.C5	Domenigoni Hydrologic Subarea	Z-07.B0	San Vicente Hydrologic Subunit
Z-02.C6	Diamond Hydrologic Subarea	Z-07.B1	San Vicente Hydrologic Subarea
Z-02.D0	Auld Hydrologic Subunit	Z-07.B2	Kimball Hydrologic Subarea
Z-02.D1	Auld Hydrologic Subarea	Z-07.B3	Gower Hydrologic Subarea
Z-02.D2	Gertrudis Hydrologic Subarea	Z-07.B4	Barona Hydrologic Subarea
Z-02.D3	Lower Tucalota Hydrologic Subarea	Z-07.C0	El Capitan Hydrologic Subunit
Z-02.D4	Tucalota Hydrologic Subarea	Z-07.C1	El Capitan Hydrologic Subarea
Z-02.E0	Pechanga Hydrologic Subunit	Z-07.C2	Glen Oaks Hydrologic Subarea
Z-02.E1	Pauba Hydrologic Subarea	Z-07.C3	Alpine Hydrologic Subarea
Z-02.E2	Pechanga Hydrologic Subarea	Z-07.D0	Cuyamaca Hydrologic Subunit
Z-02.F0	Wilson Hydrologic Subunit	Z-07.D1	Inaja Hydrologic Subarea
Z-02.F1	Lancaster Valley Hydrologic Subarea	Z-07.D2	Spencer Hydrologic Subarea
Z-02.F2	Lewis Hydrologic Subarea	Z-07.D3	Cuyamaca Hydrologic Subarea
Z-02.F3	Wilson Hydrologic Subarea		
Z-02.G0	Anza Hydrologic Subunit	Z-08.00	<b>CORONADO HYDROLOGIC UNIT</b>
Z-02.G1	Lower Coahuila Hydrologic Subarea	Z-08.A0	Point Loma Hydrologic Subunit
Z-02.G2	Upper Coahuila Hydrologic Subarea	Z-08.B0	San Diego Mesa Hydrologic Subunit
Z-02.G3	Anza Hydrologic Subarea	Z-08.B1	Lindbergh Hydrologic Subarea
Z-02.G4	Burnt Hydrologic Subarea	Z-08.B2	Chollas Hydrologic Subarea
Z-02.H0	Aguanga Hydrologic Subunit	Z-08.C0	Paradise Hydrologic Subunit
Z-02.H1	Vail Hydrologic Subarea	Z-08.C1	El Toyon Hydrologic Subarea
Z-02.H2	Devils Hole Hydrologic Subarea	Z-08.C2	Paradise Hydrologic Subarea
Z-02.H3	Redec Hydrologic Subarea		
Z-02.H4	Aguanga Hydrologic Subarea	Z-09.00	<b>SWEETWATER HYDROLOGIC UNIT</b>
Z-02.I0	Oakgrove Hydrologic Subunit	Z-09.A0	Lower Sweetwater Hydrologic Subunit
Z-02.I1	Lower Culp Hydrologic Subarea	Z-09.A1	Telegraph Hydrologic Subarea
Z-02.I2	Oakgrove Hydrologic Subarea	Z-09.A2	Sweetwater Hydrologic Subarea
Z-02.I3	Dodge Hydrologic Subarea	Z-09.B0	Middle Sweetwater Hydrologic Subunit
Z-02.I4	Chihuahua Hydrologic Subarea	Z-09.B1	Jamacha Hydrologic Subarea
		Z-09.B2	Hillsdale Hydrologic Subarea
Z-03.00	<b>SAN LUIS REY HYDROLOGIC UNIT</b>	Z-09.B3	Dehesa Hydrologic Subarea
Z-03.A0	Bonsall Hydrologic Subunit	Z-09.B4	Galloway Hydrologic Subarea
Z-03.A1	Mission Hydrologic Subarea	Z-09.B5	Sequan Hydrologic Subarea
Z-03.A2	Bonsall Hydrologic Subarea	Z-09.B6	Alpine Heights Hydrologic Subarea
Z-03.A3	Moosa Hydrologic Subarea	Z-09.C0	Upper Sweetwater Hydrologic Subunit
Z-03.A4	Valley Center Hydrologic Subarea	Z-09.C1	Loveland Hydrologic Subarea
Z-03.A5	Woods Hydrologic Subarea	Z-09.C2	Japatul Hydrologic Subarea
Z-03.A6	Rincon Hydrologic Subarea	Z-09.C3	Viejas Hydrologic Subarea
Z-03.B0	Monserate Hydrologic Subunit	Z-09.C4	Descanso Hydrologic Subarea
Z-03.B1	Fala Hydrologic Subarea	Z-09.C5	Garnet Hydrologic Subarea
Z-03.B2	Pauma Hydrologic Subarea		
Z-03.B3	San Luis Rey Hydrologic Subarea	Z-10.00	<b>OTAY HYDROLOGIC UNIT</b>
Z-03.C0	Warner Hydrologic Subunit	Z-10.A0	Coronado Hydrologic Subunit
Z-03.C1	Warner Hydrologic Subarea	Z-10.B0	Otay Hydrologic Subunit
Z-03.C2	Combs Hydrologic Subarea	Z-10.C0	Dulzura Hydrologic Subunit
		Z-10.C1	Savage Hydrologic Subarea
Z-04.00	<b>CARLSBAD HYDROLOGIC UNIT</b>	Z-10.C2	Proctor Hydrologic Subarea
Z-04.A0	Loma Alta Hydrologic Subunit	Z-10.C3	Jamul Hydrologic Subarea
Z-04.B0	Vista Hydrologic Subunit	Z-10.C4	Lee Hydrologic Subarea
Z-04.B1	Carlsbad Hydrologic Subarea	Z-10.C5	Lyon Hydrologic Subarea
Z-04.B2	Vista Hydrologic Subarea	Z-10.C6	Dulzura Hydrologic Subarea
Z-04.C0	Agua Hedionda Hydrologic Subunit	Z-10.C7	Engineer Springs Hydrologic Subarea
Z-04.C1	Agua Hedionda Hydrologic Subarea		
Z-04.C2	Buena Hydrologic Subarea	Z-11.00	<b>TIA JUANA HYDROLOGIC UNIT</b>
Z-04.D0	Encinas Hydrologic Subunit	Z-11.A0	Tia Juana Hydrologic Subunit
Z-04.E0	San Marcos Hydrologic Subunit	Z-11.A1	Tia Juana Hydrologic Subarea
Z-04.E1	Batiquitos Hydrologic Subarea	Z-11.A2	San Ysidro Hydrologic Subarea
Z-04.E2	San Marcos Hydrologic Subarea	Z-11.B0	Potrero Hydrologic Subunit
Z-04.E3	Twin Oaks Hydrologic Subarea	Z-11.B1	Marron Hydrologic Subarea
Z-04.F0	Escondido Hydrologic Subunit	Z-11.B2	Bee Canyon Hydrologic Subarea
Z-04.F1	San Elijo Hydrologic Subarea	Z-11.B3	Barrett Hydrologic Subarea
Z-04.F2	Escondido Hydrologic Subarea	Z-11.B4	Round Potrero Hydrologic Subarea
Z-04.F3	Lake Wohlford Hydrologic Subarea	Z-11.B5	Potrero Hydrologic Subarea
		Z-11.C0	Barrett Lake Hydrologic Subunit
Z-05.00	<b>SAN DIEGUITO HYDROLOGIC UNIT</b>	Z-11.D0	Monument Hydrologic Subunit
Z-05.A0	San Dieguito Hydrologic Subunit	Z-11.D1	Pine Hydrologic Subarea
Z-05.A1	San Dieguito Hydrologic Subarea	Z-11.D2	Monument Hydrologic Subarea
Z-05.A2	La Jolla Hydrologic Subarea	Z-11.E0	Morena Hydrologic Subunit
Z-05.B0	Hodges Hydrologic Subunit	Z-11.F0	Cottonwood Hydrologic Subunit
Z-05.B1	Hodges Hydrologic Subarea	Z-11.G0	Cameron Hydrologic Subunit
Z-05.B2	Green Hydrologic Subarea	Z-11.H0	Campo Hydrologic Subunit
Z-05.B3	Felicita Hydrologic Subarea	Z-11.H1	Tecate Hydrologic Subarea
Z-05.B4	Bear Hydrologic Subarea	Z-11.H2	Campo Hydrologic Subarea
Z-05.C0	San Pasqual Hydrologic Subunit	Z-11.H3	Clover Flat Hydrologic Subarea
Z-05.C1	Highland Hydrologic Subarea	Z-11.H4	Hill Hydrologic Subarea
Z-05.C2	San Pasqual Hydrologic Subarea	Z-11.H5	Hipass Hydrologic Subarea
Z-05.C3	Reed Hydrologic Subarea		
Z-05.C4	Hidden Hydrologic Subarea		
Z-05.C5	Guejito Hydrologic Subarea		
Z-05.C6	Vineyard Hydrologic Subarea		



LEGEND

-  DRAINAGE PROVINCE BOUNDARY
-  HYDROLOGIC UNIT BOUNDARY
-  HYDROLOGIC SUBUNIT BOUNDARY
-  HYDROLOGIC SUBAREA BOUNDARY

**IOA4** AREAL CODE NUMBER  
(SEE PAGE TO THE LEFT)

 WATER BEARING SEDIMENTS

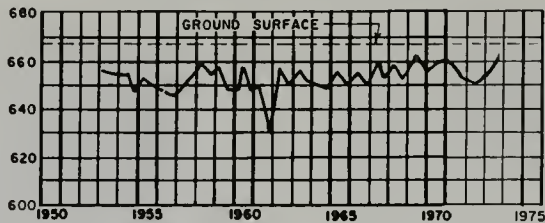
**ION/35W-7F1** ● WELL AT WHICH WATER LEVEL  
FLUCTUATION IS SHOWN



**NAMES AND AREAL CODE NUMBERS OF HYDROLOGIC AREAS  
SAN DIEGO DRAINAGE PROVINCE (Z)**

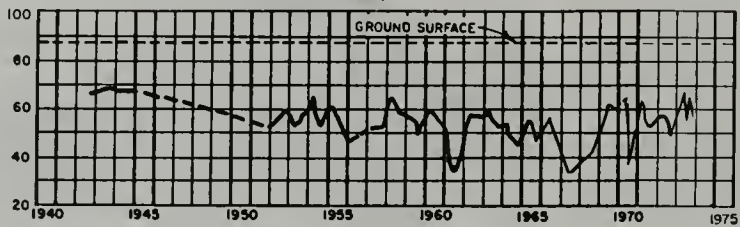
PASO ROBLES HYDROLOGIC SUBUNIT (T-09.H0)

WELL 26S/12E-9M2, M. D. B. & M.



ARROYO GRANDE HYDROLOGIC SUBUNIT (T-10.CO)

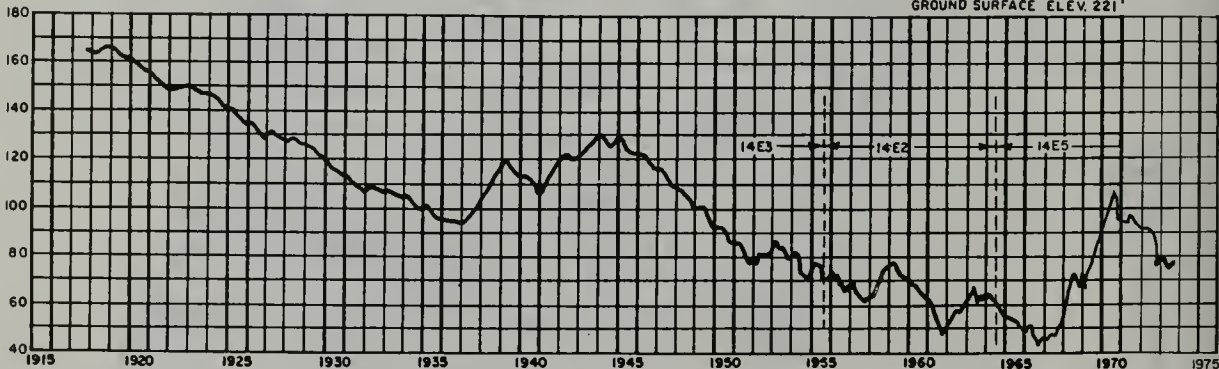
WELL 32S/13E-28G1, M. D. B. & M.



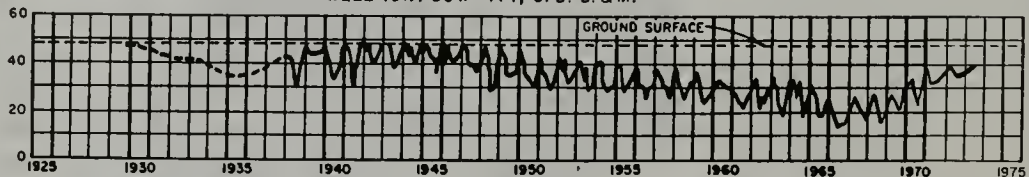
SANTA MARIA HYDROLOGIC SUBUNIT (T-12.A0)

WELLS 10N/34W-14E3, 14E2, 14E5, S. B. B. & M.

GROUND SURFACE ELEV. 221'



WELL 10N/35W-7F1, S. B. B. & M.



YEAR

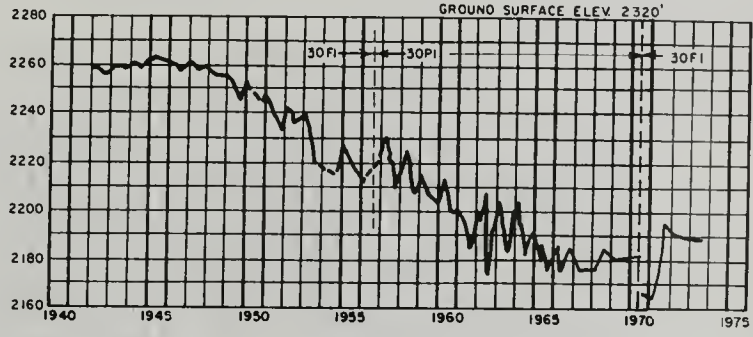
NOTE: LOCATION OF WELLS SHOWN ON PAGE 55

FLUCTUATION OF WATER LEVEL IN WELLS

DATUM  
U. S. G. S.  
FEET  
IN  
ELEVATION

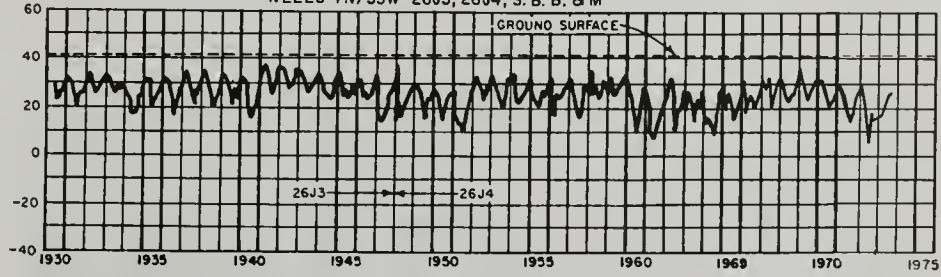
### CUYAMA VALLEY HYDROLOGIC SUBUNIT (T-12.CO)

WELLS 10N/25W-30FI, 30PI, S. B. B. & M.  
GROUND SURFACE ELEV. 2320'



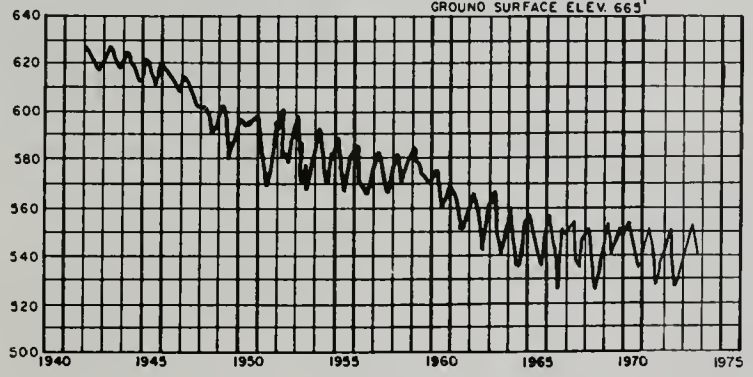
### LOMPOC HYDROLOGIC SUBUNIT (T-14:AO)

WELLS 7N/35W-26J3, 26J4, S. B. B. & M.  
GROUND SURFACE



### SANTA YNEZ HYDROLOGIC SUBUNIT (T-14.DO)

WELL 6N/30W-6A1, S. B. B. & M.  
GROUND SURFACE ELEV. 663'



NOTE: LOCATION OF WELLS SHOWN ON PAGE 55

YEAR

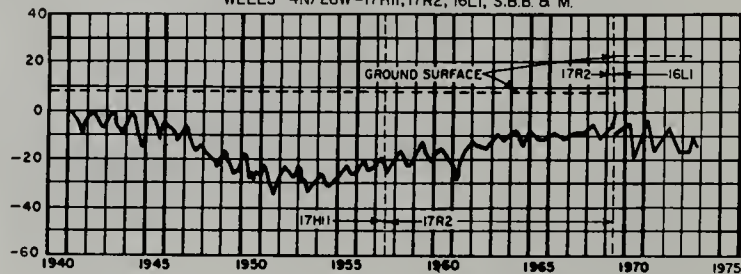
## FLUCTUATION OF WATER LEVEL IN WELLS



DATUM  
 U. S. G. S.  
 FEET  
 IN  
 ELEVATION

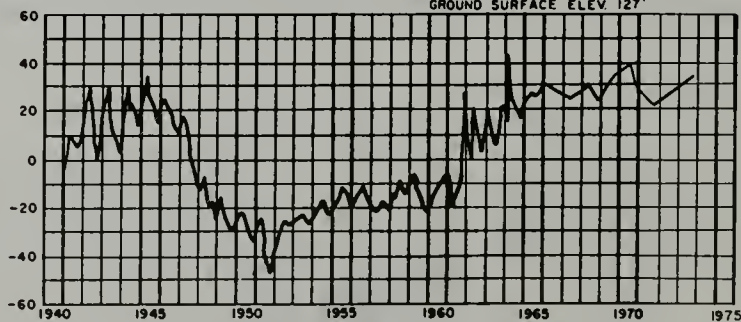
SOUTH COAST HYDROLOGIC SUBUNIT (T-15.CO)

WELLS 4N/28W-17H11, 17R2, 16L1, S.B.B. & M.



WELL 4N/25W-27Q2, S.B.B. & M.

GROUND SURFACE ELEV. 127'



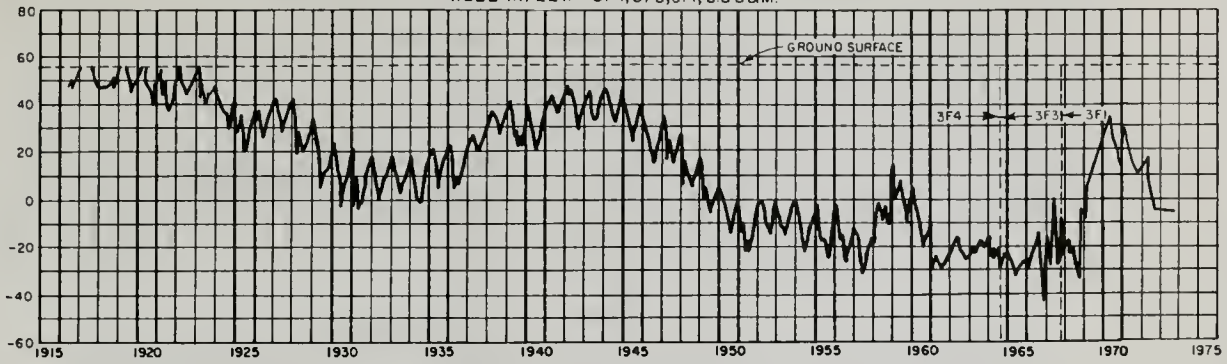
YEAR

NOTE: LOCATION OF WELLS SHOWN ON PAGE 55

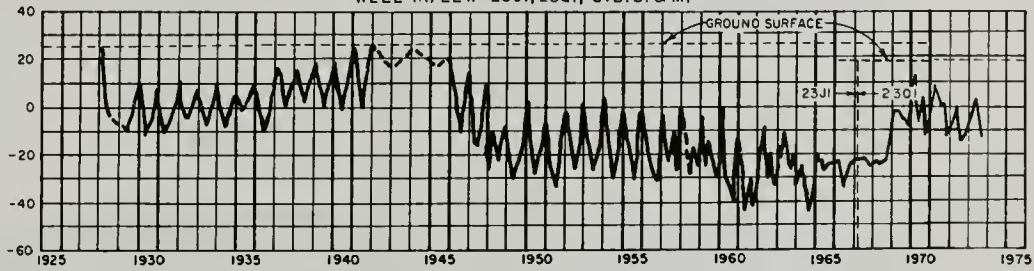
FLUCTUATION OF WATER LEVEL IN WELLS

OXNARD PLAIN HYDROLOGIC SUBUNIT (U-03.A0)

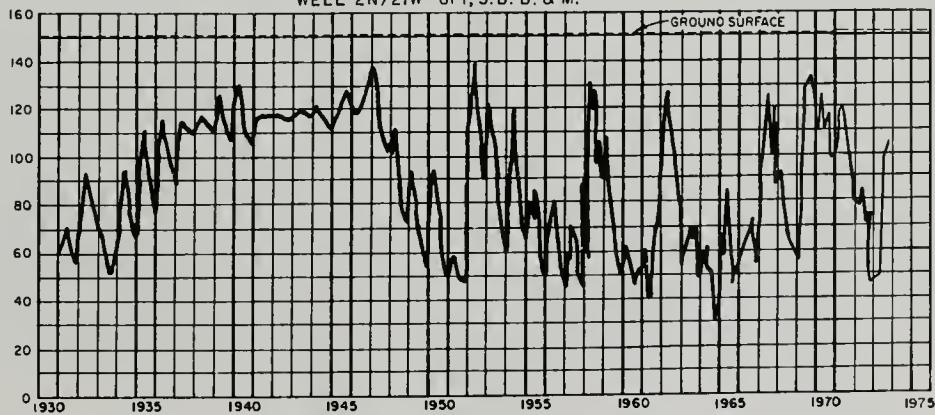
WELL IN/22W- 3F4, 3F3, 3F1, S.B.B.M.



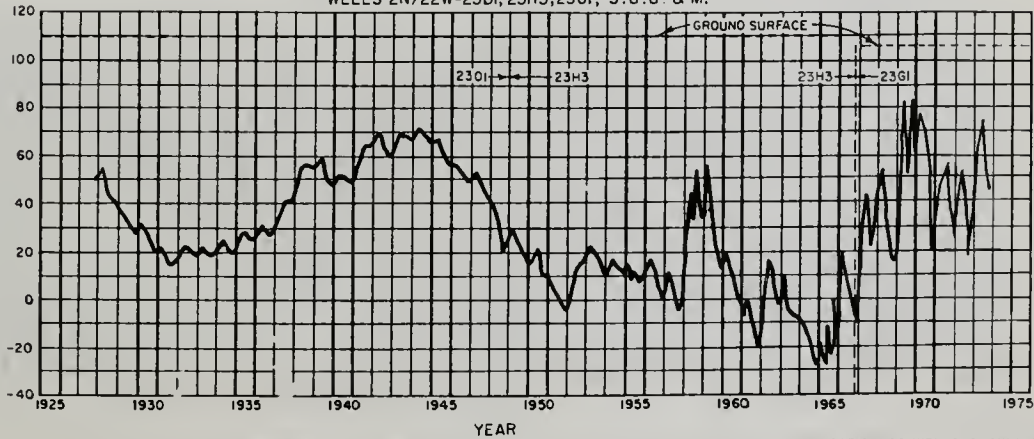
WELL IN/22W-23J1, 23Q1, S. B. B. & M.



WELL 2N/21W-6P1, S. B. B. & M.



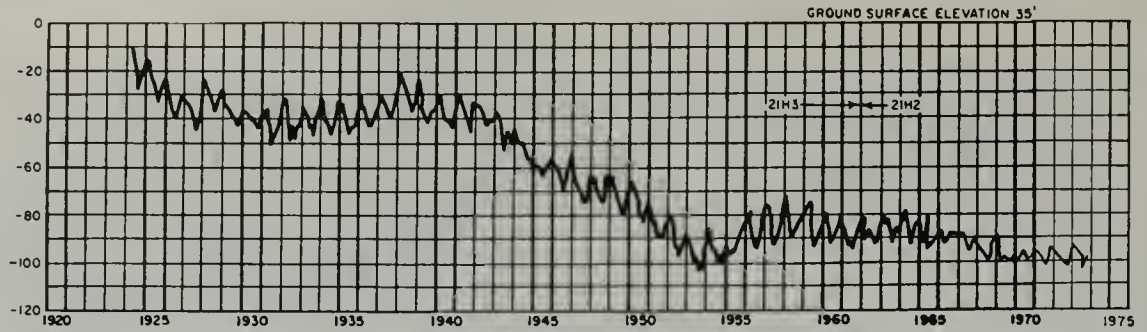
WELLS 2N/22W-23D1, 23H3, 23G1, S. B. B. & M.



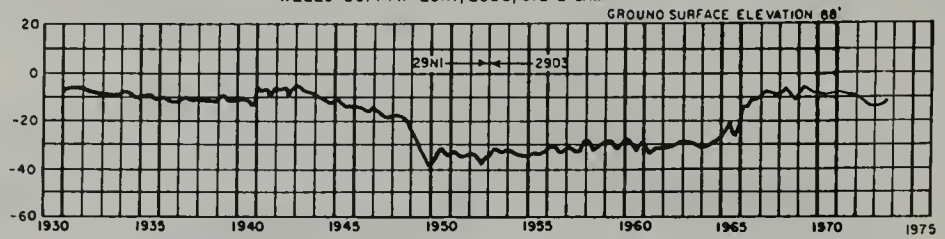
NOTE. LOCATION OF WELLS SHOWN ON PAGE 57

FLUCTUATION OF WATER LEVEL IN WELLS

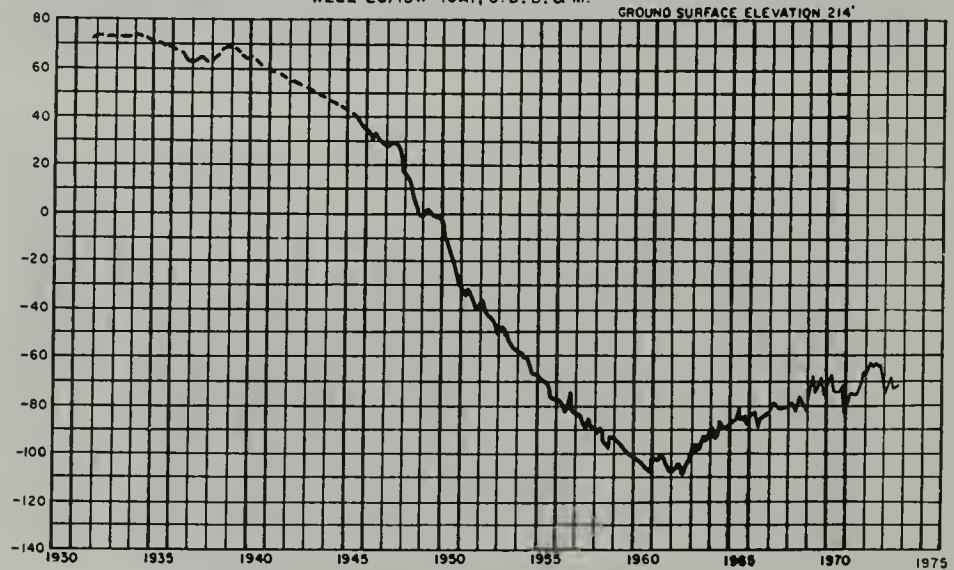
COASTAL PLAIN OF LOS ANGELES COUNTY HYDROLOGIC SUBUNIT (U-05.A0)  
WELLS 4S/13W-21H3, 21H2, S. B. B. & M.



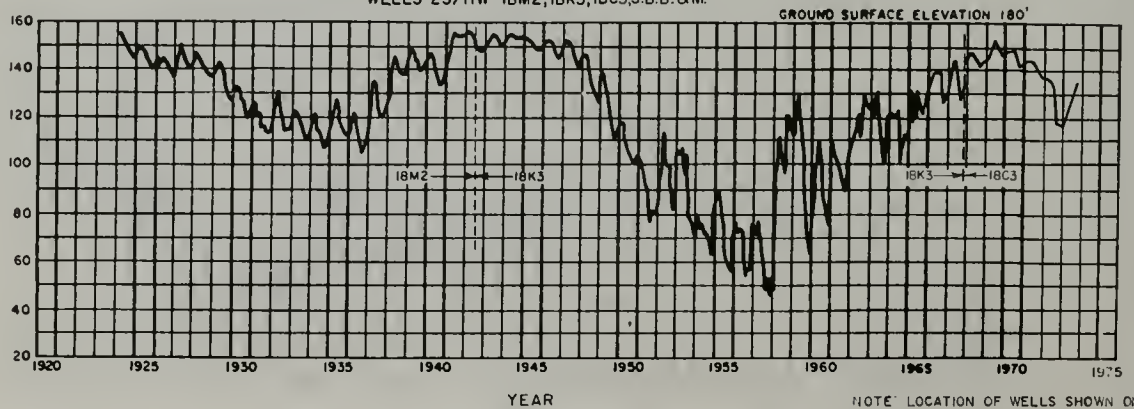
WELLS 3S/14W-29N1, 29D3, S. B. B. & M.



WELL 2S/13W-10A1, S. B. B. & M.



WELLS 2S/11W-18M2, 18K3, 18C3, S. B. B. & M.



ELEVATION IN FEET DATUM U.S.G.S.

NOTE: LOCATION OF WELLS SHOWN ON PA

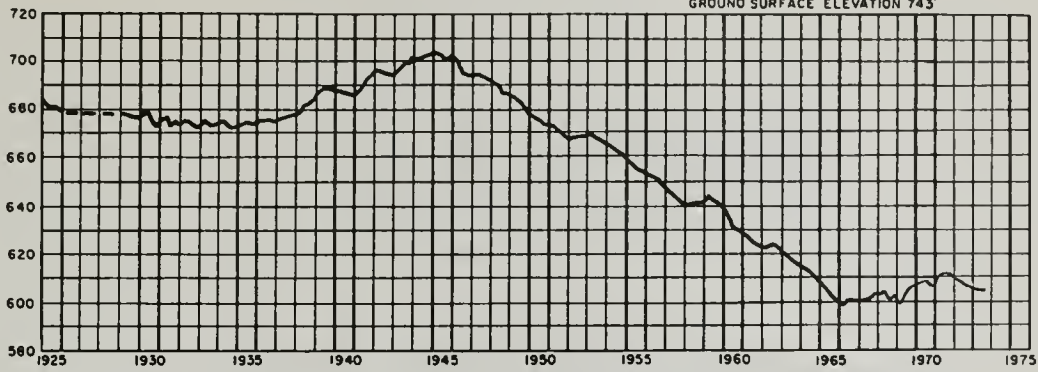
FLUCTUATION OF WATER LEVEL IN WELLS



SAN FERNANDO HYDROLOGIC SUBUNIT (U-05.B0)

WELL IN/15W-6N1, S.B.B.&M.

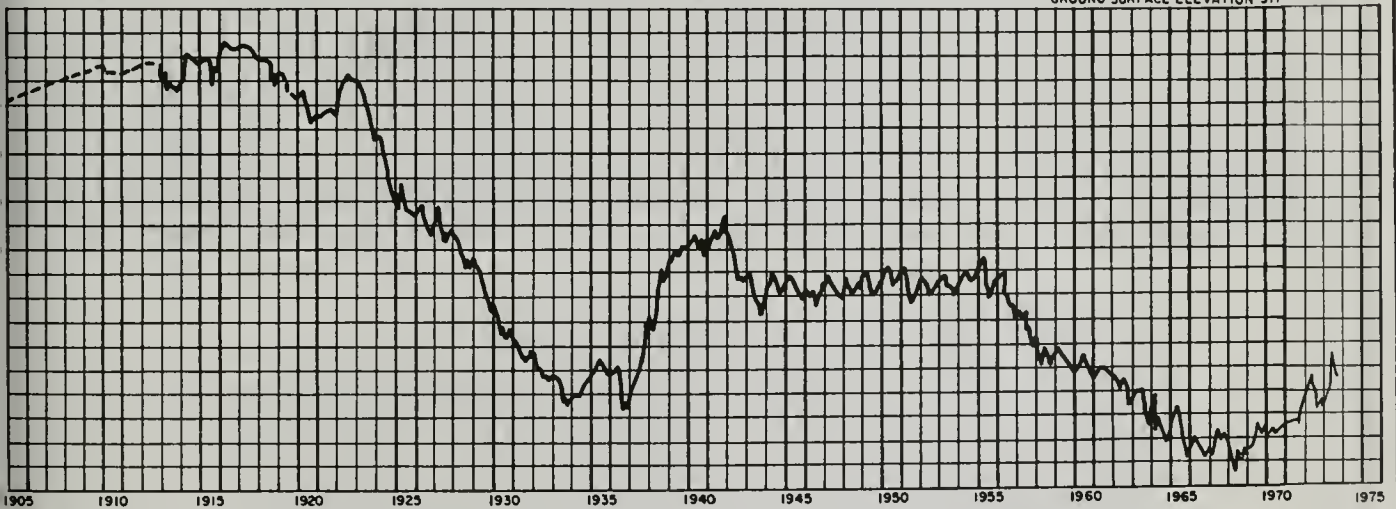
GROUND SURFACE ELEVATION 745'



RAYMOND HYDROLOGIC SUBUNIT(U-05.C0)

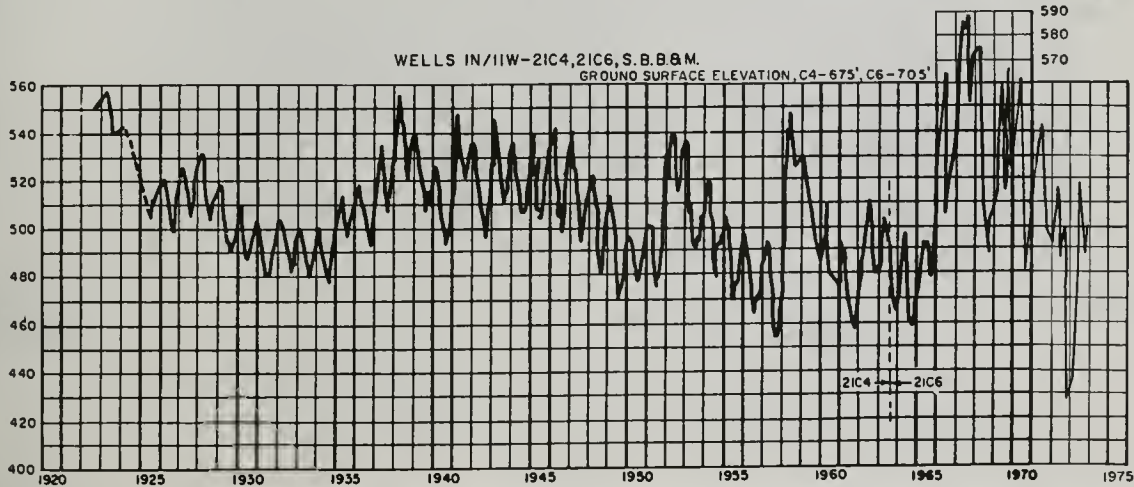
WELL IN/12W-20B1, S.B.B.&M.

GROUND SURFACE ELEVATION 917'



WELLS IN/11W-21C4, 21C6, S.B.B.&M.

GROUND SURFACE ELEVATION, C4-675', C6-705'



NOTE: LOCATION OF WELLS SHOWN ON PAGE 57

YEAR

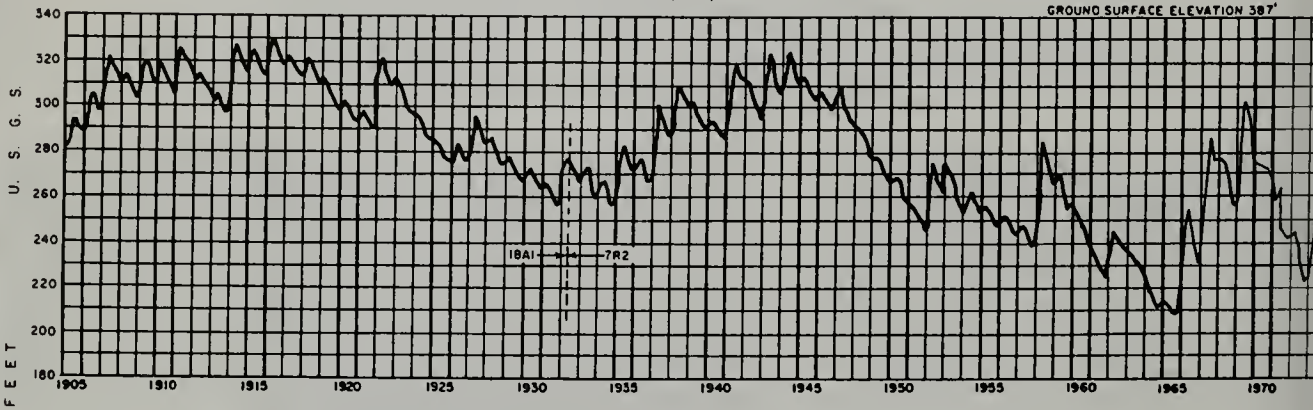
FLUCTUATION OF WATER LEVEL IN WELLS

D A T U M

SAN GABRIEL VALLEY HYDROLOGIC SUBUNIT (U-05.DO)

WELLS 1S/10W-1BA1,7R2, S.B.B.&M.

GROUND SURFACE ELEVATION 387'



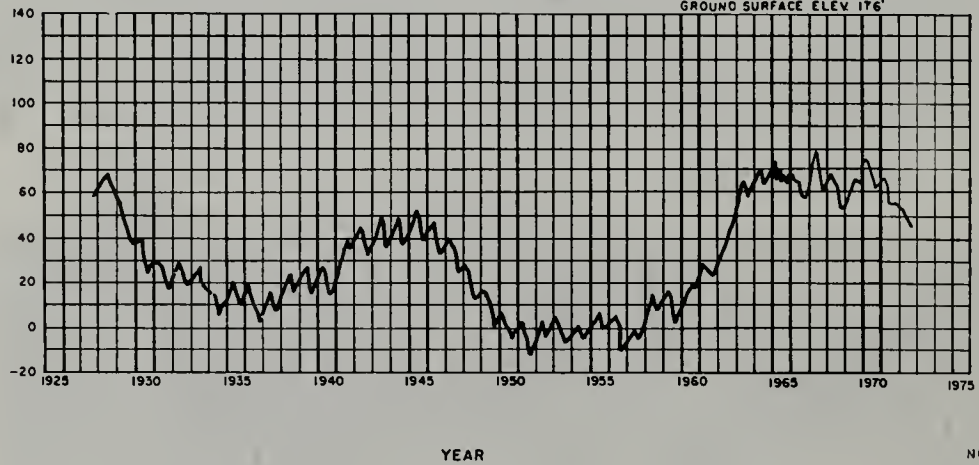
I N

ANAHEIM HYDROLOGIC SUBUNIT (U-05.FO)

WELL 3S/10W-27N1, S.B.B.&M

GROUND SURFACE ELEV 176'

E L E V A T I O N



NOTE: LOCATION OF WELL SHOWN ON PAGE 57

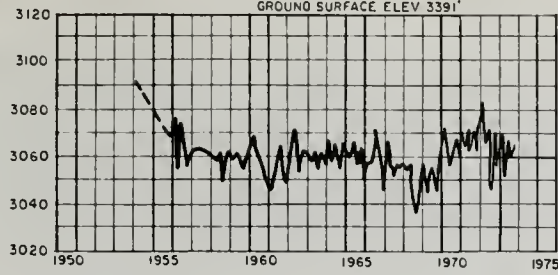
FLUCTUATION OF WATER LEVEL IN WELLS



ANTELOPE HYDROLOGIC SUBUNIT (W-26.A0)

WELL IIN/13W-29MI, S. B. B. & M.

GROUND SURFACE ELEV. 3391'



WELLS 7N/11W-24CI, 7N/10W-19DI, S. B. B. & M.

GROUND SURFACE ELEV. 2446'

DATUM

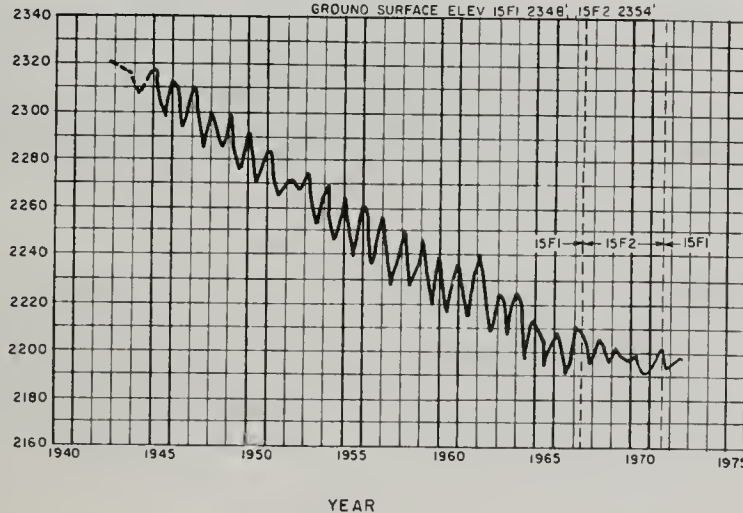
U. S. G. S.  
IN FEET



WELL 7N/12W-15F1, 15F2, S. B. B. & M.

GROUND SURFACE ELEV 15F1 2348', 15F2 2354'

ELEVATION



NOTE: LOCATION OF WELLS SHOWN ON PAGE 59

FLUCTUATION OF WATER LEVEL IN WELLS

DATUM

U. S. G. S.

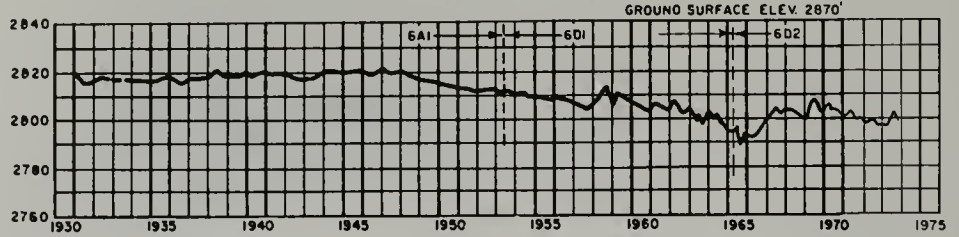
FEET

IN

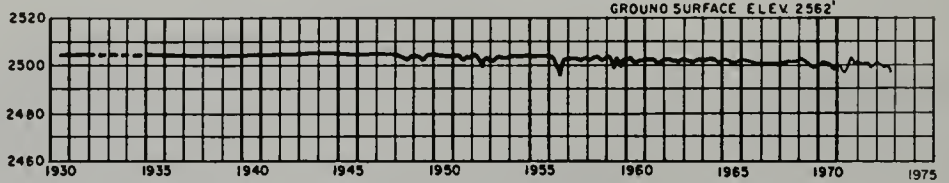
ELEVATION

### UPPER MOJAVE HYDROLOGIC SUBUNIT (W-28.80)

WELLS 4N/3W-6A1, 6D1, 6D2, S.B.B.&M.

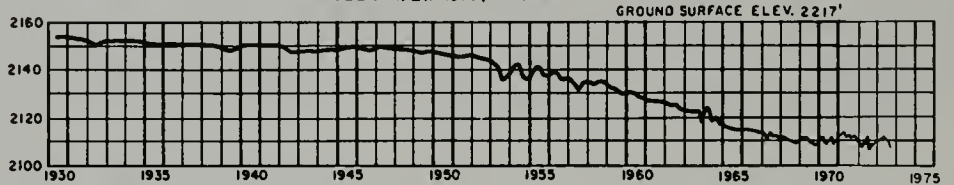


WELL 7N/4W-30C1, S.B.B.&M



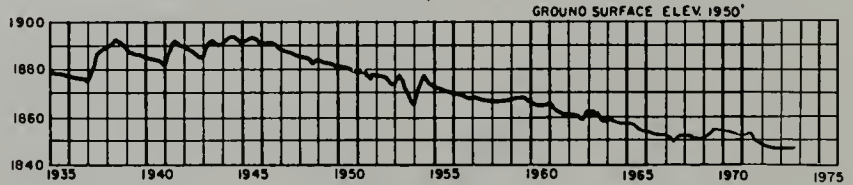
### MIDDLE MOJAVE HYDROLOGIC SUBUNIT (W-28.C0)

WELL 10N/2W-19P1, S. B. B. & M.

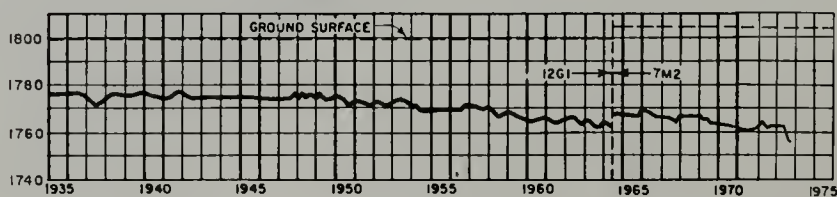


### LOWER MOJAVE HYDROLOGIC SUBUNIT (W-28.E0)

WELL 9N/1E-13E2, S. B. B. & M.



WELLS 9N/3E-12G1, 9N/4E-7M2, S. B. B. & M



YEAR

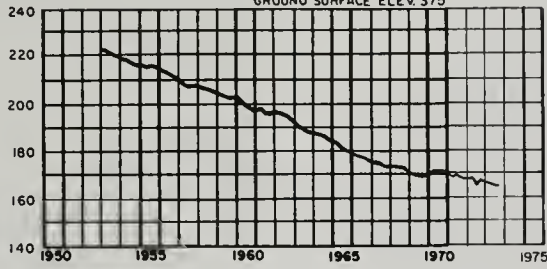
NOTE: LOCATION OF SHOWN ON PA

## FLUCTUATION OF WATER LEVEL IN WELLS

COACHELLA HYDROLOGIC SUBUNIT (X-19.DO)

WELL 4S/5E-17LI S.B.B.&M.

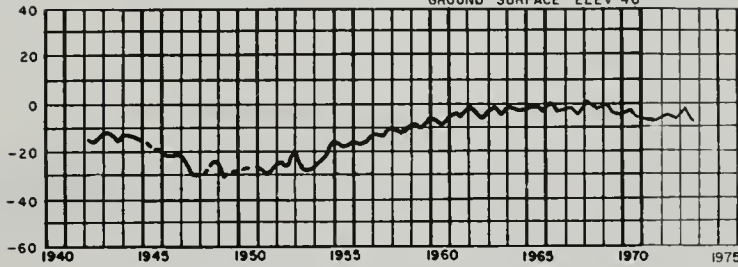
GROUND SURFACE ELEV. 375'



D A T U M

WELL 5S/7E-21F2 S.B.B.&M.

GROUND SURFACE ELEV. 40'



U. S. G. S. FEET

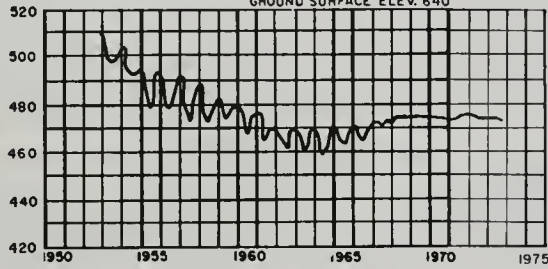
F E E T

I N

BORREGO HYDROLOGIC SUBUNIT (X-22.AO)

WELL 10S/6E-21AI S.B.B.&M.

GROUND SURFACE ELEV. 640'



E L E V A T I O N

NOTE: LOCATION OF WELLS SHOWN ON PAGE 61

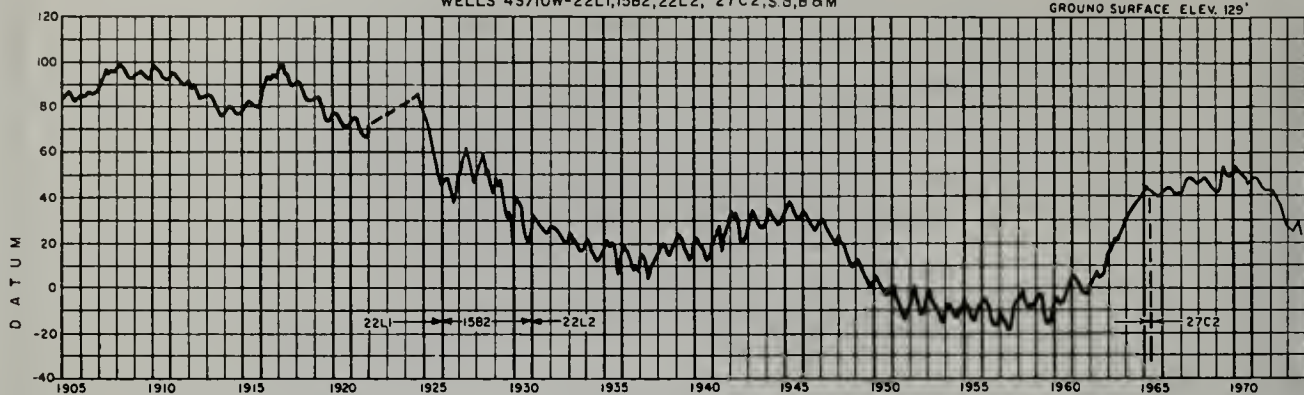
YEAR

FLUCTUATION OF WATER LEVEL IN WELLS

LOWER SANTA ANA RIVER HYDROLOGIC SUBUNIT (Y—01.A0)

WELLS 4S/10W-22L1, 15B2, 22L2, 27C2, S.B. & M

GROUND SURFACE ELEV. 129'

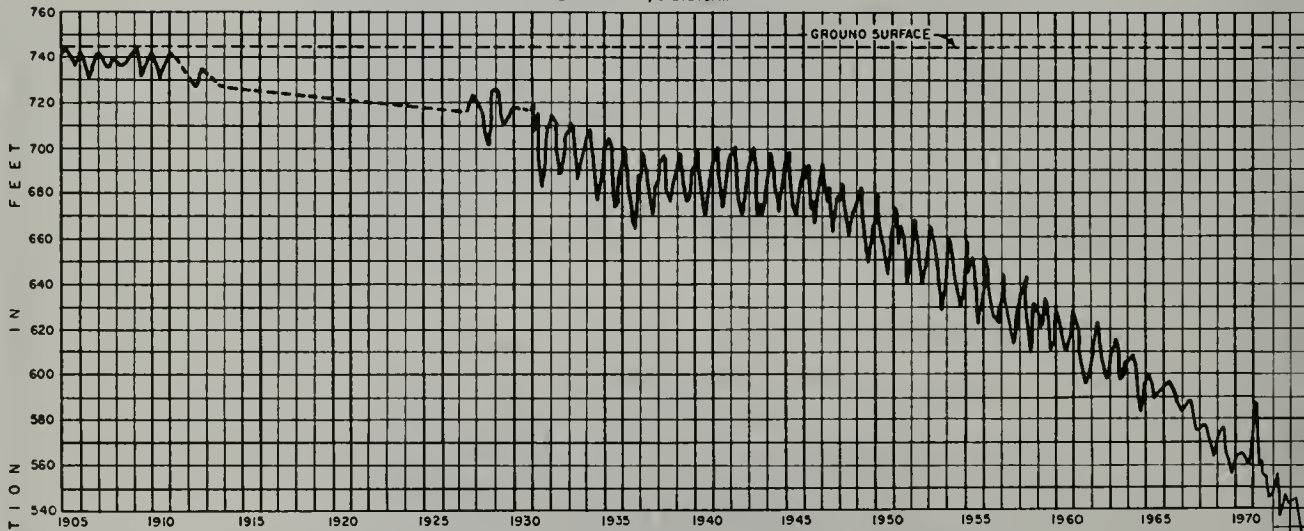


U. S. G. S.

MIDDLE SANTA ANA RIVER HYDROLOGIC SUBUNIT (Y—01.B0)

WELL 2S/BW-4P1, S.B. & M

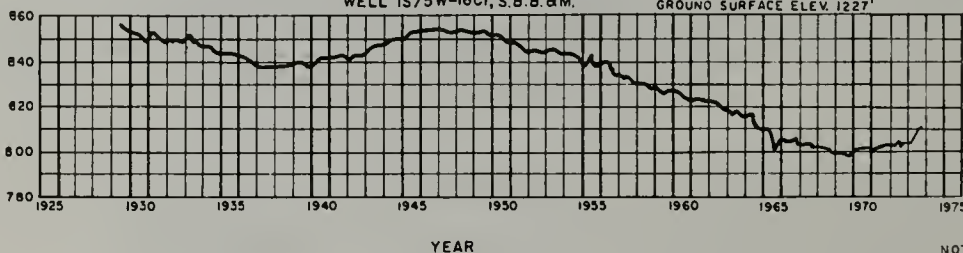
GROUND SURFACE



E. L. E. V. A. T. I. O. N

WELL 1S/5W-16C1, S.B. & M.

GROUND SURFACE ELEV. 1227'



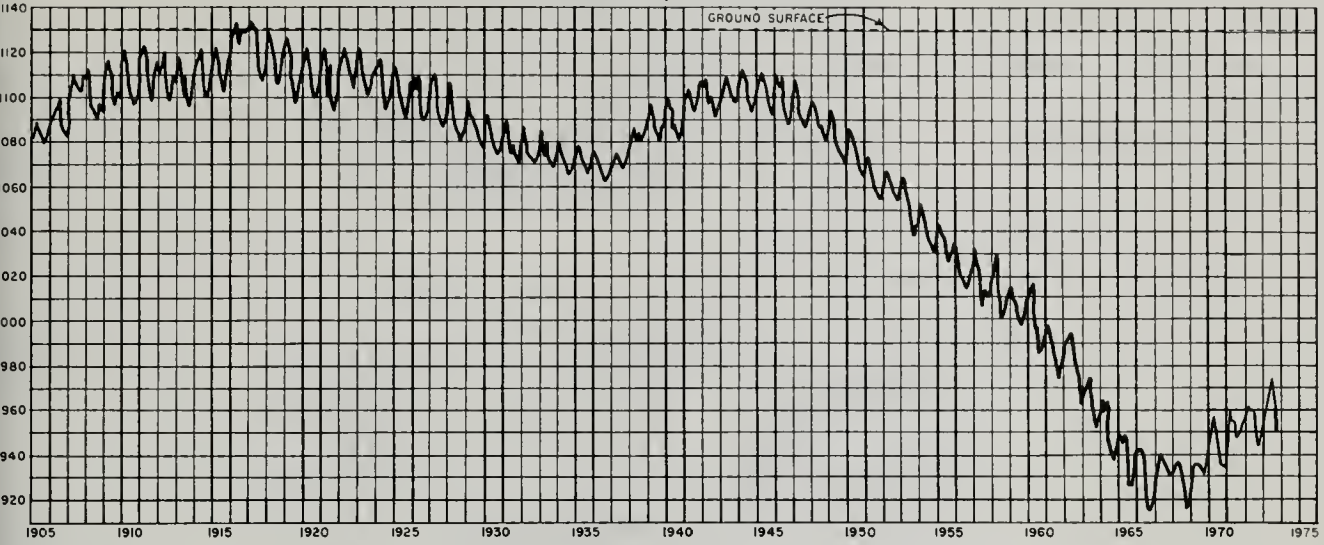
NOTE LOCATION OF WELLS SHOWN ON PAGE 10

FLUCTUATION OF WATER LEVEL IN WELLS

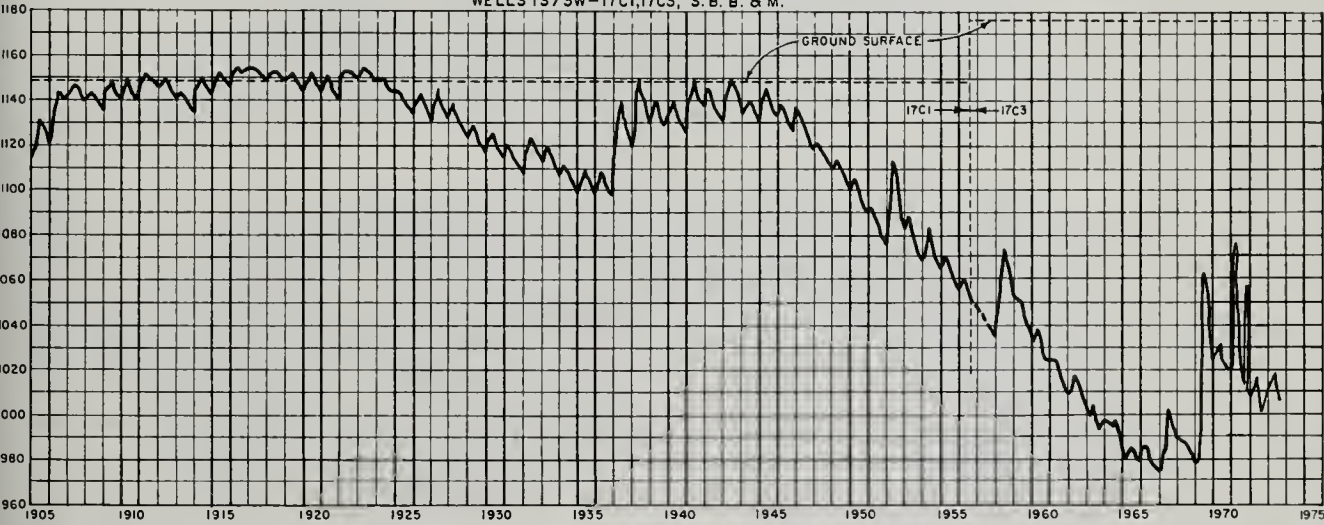


UPPER SANTA ANA RIVER HYDROLOGIC SUBUNIT (Y-01.E0)

WELL IN/4W-35LI, S. B. B. & M.

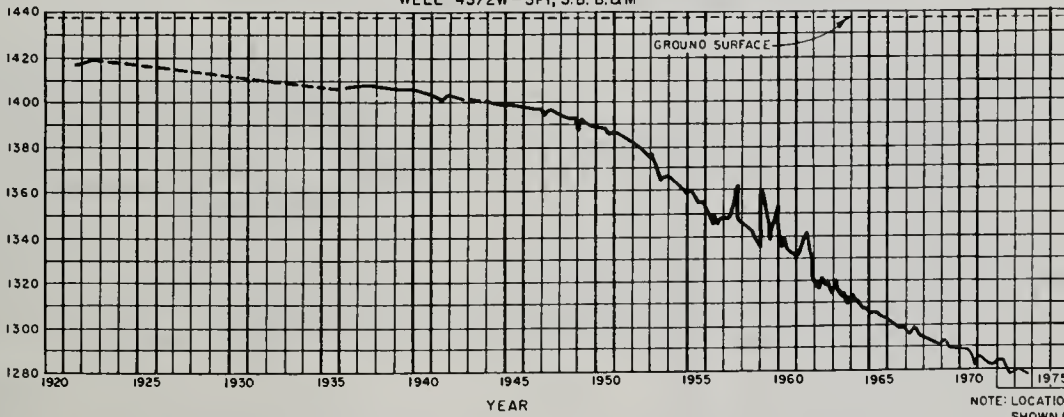


WELLS 1S/3W-17C1, 17C3, S. B. B. & M.



PERRIS HYDROLOGIC SUBUNIT (Y-02.A0)

WELL 4S/2W-3PI, S. B. B. & M.



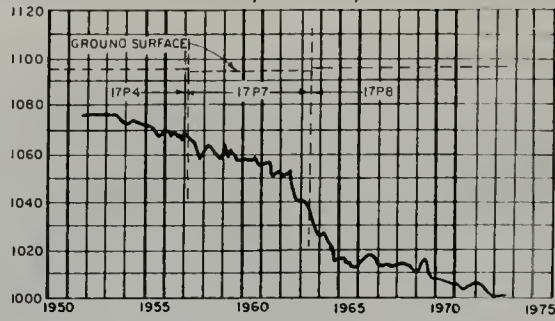
NOTE: LOCATION OF WELLS SHOWN ON PAGE 63

FLUCTUATION OF WATER LEVEL IN WELLS

D A T U M  
 U . S . G . S .  
 F E E T  
 I N  
 E L E V A T I O N

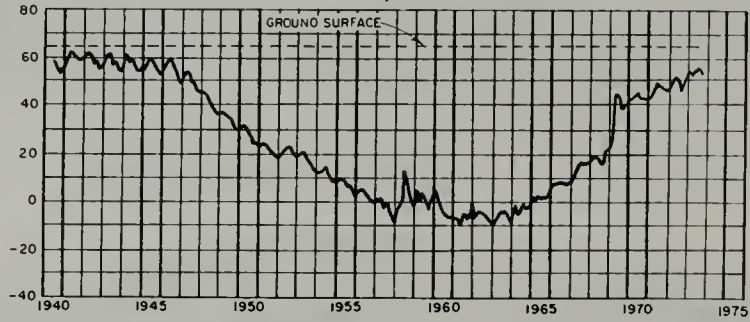
MURRIETA HYDROLOGIC SUBUNIT (Z-02.C0)

WELLS 7S/3W-17P4, 17P7 & 17P8, S B B & M

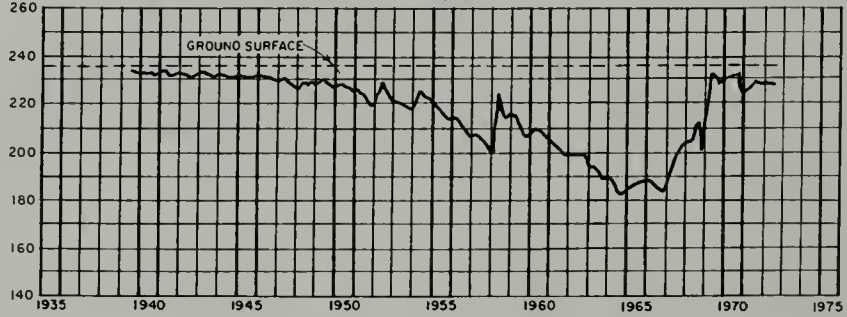


BONSALL HYDROLOGIC SUBUNIT (Z-03.A0)

WELL 11S/4W-9E1, S B B & M

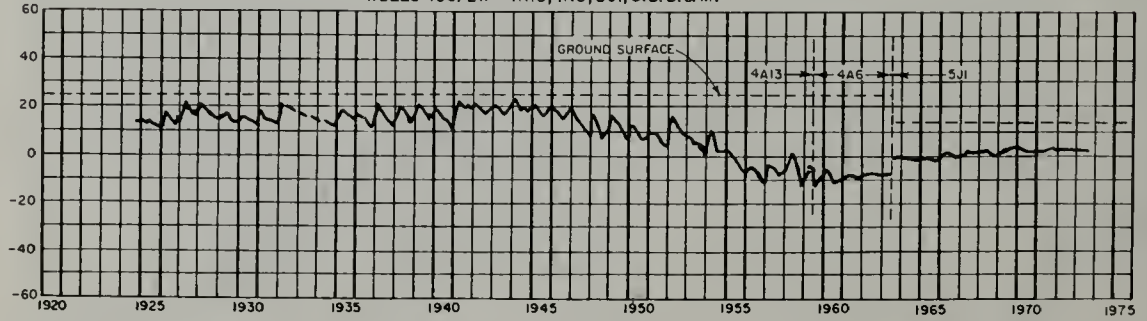


WELL 10S/3W-11G1, S B B & M



TIA JUANA HYDROLOGIC SUBUNIT (Z-11.A0)

WELLS 19S/2W-4A13, 4A6, 5J1, S.B.B.&M.



YEAR

NOTE: LOCATION OF WELLS SHOWN ON PAGE 65

FLUCTUATION OF WATER LEVEL IN WELLS

# GROUND WATER LEVELS AT WELLS

An explanation of the column headings and the code symbols follows:

**State Well Number** — Refer to the explanation at the beginning of Appendix C.

**Ground Surface Elevation** — The numbers in this column are the elevation in feet above mean sea level (USGS Datum) of the ground surface at the well. Elevations are usually taken from topographic maps and the accuracy is controlled by topographic standards.

**Date** — The date shown in the column is the date when the well was visited to obtain a measurement. Where 00 appears in the date, day of measurement is unknown.

**Ground Surface to Water Surface** — This is the measured depth in feet from the ground surface to the water surface in the well; certain of the depth measurements in the column may be followed by a number in parentheses to indicate a questionable measurement. The code applicable to these "questionable measurements" is as follows:

- |                                      |  |
|--------------------------------------|--|
| (1) Pumping                          | (6) Other                              |
| (2) Nearby pump operating            | (7) Recharge operation at or near well |
| (3) Casing leaking or wet            | (8) Oil in casing                      |
| (4) Pumped recently                  | (9) Caved or deepened                  |
| (5) Air or pressure gage measurement |  |

When no measurement was obtained, then only a number in parentheses is shown in the column. The code applicable to these "no measurements" is as follows:

- |                               |                               |
|-------------------------------|-------------------------------|
| (1) Pumping                   | (6) Well has been destroyed   |
| (2) Pump house locked         | (7) Special                   |
| (3) Tape hung up              | (8) Casing leaking or wet     |
| (4) Cannot get tape in casing | (9) Temporarily inaccessible  |
| (5) Unable to locate well     | (0) Measurements discontinued |

The words *flow* and *dry* are shown in this column to indicate a flowing or dry well, respectively. A minus preceding the number in this column indicates that the static water level in the well is this distance in feet above the ground surface.

**Water Surface Elevation** — This is the elevation in feet above mean sea level (USGS Datum) of the water surface in the well. It was derived by subtraction of the depth measurement from the ground surface elevation.

**Agency Supplying Data** — Each number in this column is the code number for the agency supplying data for that measurement. The agencies supplying data for this report and the code numbers assigned to them are as follows:

Agency code	Agency name	Agency code	Agency name
5001	United States Bureau of Reclamation	5416	Vista Irrigation District
5000	United States Geological Survey	5408	Fallbrook Public Utilities District
5015	United States International Boundary and Water Commission	5411	United Water Conservation District
5050	State Department of Water Resources	4412	Metropolitan Water District of Southern California
5051	Patton State Hospital	5419	Yucapa Valley Water District
5061	State Department of Water Resources, Watermaster Service, West Coast Basin	5420	Helix Irrigation District
5062	State Department of Water Resources, Watermaster Service, Raymond Basin	4700	Palm Springs Water Company
5101	San Bernardino County Flood Control District	4701	Corona Foothill Mutual Lemon Company
1101	Los Angeles County Flood Control District	4702	Cucamonga County Water District
5102	Orange County Flood Control District	5709	California-American Water Company
5103	Riverside County Flood Control and Water Conservation District	4402	Remona Municipal Water District
4104	East San Bernardino County Water District	4706	Fontana Union Water Company
5117	San Luis Obispo County Flood Control and Water Conservation District	5708	Vail Company
5125	Monte Vista County Water District	4709	Irvine Company
5121	Ventura County Flood Control District	5710	Green Mutual Water Company
4124	West San Bernardino County Water District	5711	Escondido Mutual Water Company
5135	Coachella Valley County Water District	4000	W. P. Rowe & Son
1200	City of Los Angeles Department of Water and Power	4715	Santa Ana Valley Irrigation Company
4201	City of Colton Water Department	5716	South Elsinore Mutual Water Company
5202	City of Oceanside Water Department	5717	Temescal Water Company
5206	City of Redlands Water Department	5719	A. A. Webb & Associates
5208	City of Riverside Water Department	3719	West End Consolidated Water Company
5205	Carlsbad Municipal Water District	5725	Riverside Water Company
4206	City of Long Beach Water Department	5721	Francis Mutual Water Company
4209	City of Oxnard Water Department	5723	Pine Valley Mutual Water Company
4210	City of Anaheim Water Department	5724	Del Dios Mutual Water Company
2225	Santa Paula Water Works, LTD.	1733	San Gabriel Valley Protective Association
4228	City of Ontario Water Department	4742	Yorba Linda County Water District
5229	City of San Diego Water Department	4748	San Antonio Water Company
3230	City of San Bernardino Water Department	4750	San Luis Rey Heights Mutual Water Company
4235	City of Upland Water Department	5404	Santa Maria Valley Water Conservation District
5272	City of Corona Water Department	4776	Southern California Water Company
3400	San Bernardino Valley Water Conservation District	5783	Riverside Highland Water Company
5407	Beaumont Irrigation District	4785	California Portland Cement Company
		3347	Gage Canal Company
		4850	Kaiser Steel Corporation
		5881	Dulin Ranch

Continued



TABLE C-1  
COUNTY WHERE WELL IS LOCATED

<u>County</u>	<u>Code</u>	<u>County</u>	<u>Code</u>
Imperial	13	Riverside	33
Inyo	14	San Bernardino	36
Kern	15	San Diego	37
Los Angeles	19	San Luis Obispo	40
Mono	26	Santa Barbara	42
Orange	30	Ventura	56



# GROUND WATER LEVELS AT WELLS

## SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
CENTRAL COASTAL DRAINAGE PROVINCE SALINAS HYDRO UNIT PASO ROBLES HYDRO SUBUNIT							T T-09 T-09.H	SALINAS HYDRO UNIT PASO ROBLES HYDRO SUBUNIT							T-09 T-09.M
235/14E-35F01	M		1490.0	11/02/72 4/17/73	35.0 29.7	1455.0 1460.3	5117	265/13E-10D01	M	40	800.0	10/31/72 4/25/73	79.6 59.2	720.4 740.8	5117
245/11E-35J01	M	27	616.8	4/24/73	60.0	556.8	5117	265/13E-28L02	M	40	963.5	11/01/72	164.5	799.0	5117
245/12E-23G01	M		1160.0	4/24/73	100.1	1059.9	5117	265/13E-28L03	M	40	979.5	11/01/72 4/12/73 6/15/73 9/17/73	183.6 198.7 179.5 184.7	795.9 780.8 800.0 794.8	5117
245/15E-17F01	M	40	1320.0	11/02/72 4/17/73	91.2 80.4	1228.8 1239.6	5117	265/13E-34R01	M		1005.0	11/01/72 4/12/73 6/15/73 9/17/73	166.5 163.6 163.6 164.8	838.5 841.4 841.4 840.2	5117
245/15E-17F02	M	27	1310.0	11/02/72 4/17/73	88.0 76.9	1222.0 1233.1	5117	265/14E-17L01	M		949.0	11/01/72 4/25/73	27.9 20.2	921.1 928.8	5117
245/15E-33C02	M	27	1225.0	11/02/72 4/17/73	23.5 20.3	1201.5 1204.7	5117	265/14E-24R01	M	40	1000.0	11/02/72 4/25/73	54.2 99.0(1)	945.8 901.0	5117
255/11E-35G01	M		880.0	10/30/72 4/24/73	44.0 43.3	836.0 836.7	5117	265/15E-02R01	M	40	1115.0	11/02/72 4/17/73	32.2 29.8	1082.2 1085.2	5117
255/11E-36N02	M		836.0	11/30/72 4/24/73	43.0 61.7	793.0 774.3	5117	265/15E-02N01	M	40	1093.0	4/12/73 6/15/73 9/17/73	66.8 74.4 89.6	1026.2 1016.6 1003.4	5117
255/12E-08G01	M	40	585.0	4/24/73	20.7	564.3	5117	265/15E-16P02	M		1050.0	11/06/72 4/17/73	39.3 20.5	1010.7 1029.4	5117
255/12E-17J01	M	40	640.0	10/30/72 4/11/73	67.4 52.1	572.6 587.9	5117	265/15E-20R02	M	40	1030.0	11/02/72 4/12/73 6/15/73 9/21/73	43.6 17.7 82.3 92.1	986.4 1012.3 947.7 937.4	5117
255/12E-17R01	M	40	640.0	10/31/72 4/24/73	81.0(1) 66.5(1)	559.0 573.5	5117	265/15E-20F01	M	40	1057.7	11/02/72 4/12/73 6/19/73 9/21/73	74.7 59.4(1) 119.6(1) 122.5	983.0 998.3 938.1 935.2	5117
255/12E-26D01	M	40	714.0	10/31/72 4/24/73	85.5 77.0	628.5 637.0	5117	265/15E-21P01	M	40	1071.5	11/02/72 4/12/73 6/15/73 9/21/73	54.7 39.4 64.5(1) 67.5(1)	1016.4 1032.1 1007.0 1004.0	5117
255/12E-26K02	M	40	749.0	10/31/72 4/25/73	140.5 126.5(4)	608.5 622.5	5117	265/15E-28D01	M	40	1075.0	11/06/72 4/17/73	56.8 42.7	1018.2 1032.1	5117
255/12E-26L01	M	40	878.0	10/31/72 4/15/73	166.8 139.3(4)	711.2 738.7	5117	265/15E-28R01	M	40	1090.0	11/02/72 4/17/73 6/15/73 9/21/73	71.2 85.0(1) 135.0(1) 134.0(1)	1018.4 1005.0 956.0 956.0	5117
255/12E-31G01	M	40	700.0	10/30/72 4/14/73	191.0 155.7	509.0 544.3	5117	265/15E-29N01	M	40	1133.0	11/06/72 4/12/73 9/21/73	99.5(1) 84.0(1) 117.0(1)	1033.5 1049.0 1016.0	5117
255/13E-11F01	M	40	1185.0	10/31/72	41.5	1143.5	5117	265/15E-30J01	M	40	1123.0	11/06/72 4/12/73 9/21/73	103.1 85.6 138.6	1019.9 1037.4 984.4	5117
255/13E-19R01	M	40	915.0	10/31/72 4/25/73	176.2 175.8	738.8 739.2	5117	265/16E-05N01	M		1660.0	11/02/72	NM-3		5117
255/15E-11C03	M		1155.0	11/02/72 4/17/73	44.0(1) 15.5	1111.0 1139.5	5117	275/12E-02F01	M	40	799.0	10/10/72 11/10/72 12/22/72 1/05/73 2/09/73 3/16/73 4/06/73	117.1 117.0 108.0 106.0 100.0 101.0 100.0	681.4 682.0 691.0 691.0 699.0 698.0 699.0	5117
255/15E-13R01	M		1139.0	11/02/72 4/17/73	1.8 0.6	1137.2 1138.4	5117	275/12E-02F02	M	40	820.0	10/10/72 11/10/72 12/22/72 1/26/73 2/16/73 3/16/73 4/06/73 5/17/73 6/13/73 7/13/73 8/31/73 9/28/73	115.0 114.0 111.0 108.0 120.0 125.0 125.0 120.0(1) 126.0 245.0(1) 145.0 230.0(1)	705.0 706.0 709.0 712.0 700.0 695.0 695.0 610.0 694.0 575.0 675.0 590.0	5117
255/16E-17L01	M	40	1165.0	11/02/72 4/17/73	28.1 29.5	1136.9 1135.5	5117	275/12E-03C02	M	40	780.0	10/26/72	115.3	664.7	5117
255/16E-30M01	M	40	1218.0	11/02/72 4/17/73	66.0 65.7	1152.0 1152.3	5117	275/12E-04F04	M	40	700.0	10/26/72 4/24/73	26.0(2) 20.5(1)	674.0 679.5	5117
265/12E-04N01	M		675.0	10/30/72 4/24/73	48.5 42.3	626.5 632.7	5117	275/12E-09M02	M	40	940.0	10/10/72 11/17/72 12/12/72 1/26/73 2/16/73 3/23/73 4/06/73 5/15/73 6/08/73 7/10/73 8/10/73 9/14/73	57.3(7) 31.0 35.0 18.0 18.0 18.0 18.6 17.0 42.3(1) 21.5 22.5 24.0	882.7 909.0 905.0 922.0 922.0 922.0 921.4 923.0 897.7 918.5 917.5 916.0	5117
265/12E-09M02	M	40	668.0	10/30/72 4/24/73	18.5 7.3	649.5 660.7	5117	265/12E-11Q01	M		761.0	9/17/73	NM-1		5117
265/12E-11Q01	M		761.0	9/17/73			5117	265/12E-11K01	M		775.0	11/01/72	129.5	645.5	5117
265/12E-11K01	M		775.0	11/01/72			5117	265/12E-14G03	M	40	790.0	10/02/72	213.0	577.0	5117
265/12E-14G03	M	40	790.0	10/02/72			5117	265/12E-15N01	M		770.0	11/01/72 9/17/73	178.0 157.3	592.0 612.7	5117
265/12E-15N01	M		770.0	11/01/72 9/17/73			5117	265/12E-21N06	M	40	1000.0	11/01/72 7/17/73 8/06/73 9/19/73	12.6(1) 12.4(1) 11.4(1) 12.0(1)	987.4 987.6 988.6 988.0	5117
265/12E-21N06	M	40	1000.0	11/01/72 7/17/73 8/06/73 9/19/73			5117	265/12E-21L01	M	40	660.0	11/01/72 7/17/73 8/06/73 9/19/73	11.0 15.8(1) 13.3 10.2	649.0 644.2 646.7 649.8	5117
265/12E-21L01	M	40	660.0	11/01/72 7/17/73 8/06/73 9/19/73			5117	265/12E-22P02	M	40	820.0	11/01/72	157.4	662.6	5117
265/12E-22P02	M	40	820.0	11/01/72			5117	265/12E-26N01	M		829.0	11/01/72 4/29/73 9/17/73	219.6 194.0 202.0	609.4 635.0 627.0	5117
265/12E-26N01	M		829.0	11/01/72 4/29/73 9/17/73			5117	265/12E-26E01	M		840.0	11/01/72 4/24/73	196.1 188.2	643.9 651.8	5117
265/12E-26E01	M		840.0	11/01/72 4/24/73			5117	265/12E-26E07	M	40	834.0	11/01/72 4/24/73 9/14/73	175.6 174.0 172.8	658.4 660.0 661.2	5117
265/12E-26E07	M	40	834.0	11/01/72 4/24/73 9/14/73			5117	265/12E-34F01	M		799.0	10/10/72	NM-9		5117
265/12E-34F01	M		799.0	10/10/72			5117	265/13E-05F01	M		739.0	10/31/72 4/25/73	17.5 15.8	721.5 723.2	5117
265/13E-05F01	M		739.0	10/31/72 4/25/73			5117	265/13E-07Q01	M		799.0	11/01/72	120.6	678.4	5117
265/13E-07Q01	M		799.0	11/01/72			5117								

**TABLE C-1**  
**GROUND WATER LEVELS AT WELLS**  
**SOUTHERN CALIFORNIA**

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SALINAS HYDRO UNIT PASO ROBLES HYDRO SUBUNIT							T-09 T-09.H	SALINAS HYDRO UNIT PASO ROBLES HYDRO SUBUNIT							T-09 T-09.H
275/12E-16J01	M	40	720.0	10/24/72	19.1	700.9	5117	285/12E-10R01 (CONTINUED)	M	40	816.0	4/11/73 7/17/73 8/06/73 9/16/73	15.5(1) 15.8 16.1 22.8	800.5 800.2 799.9 793.2	5117
275/12E-21R01	M	40	745.0	10/24/72 4/19/73	19.0 7.8	726.0 737.2	5117	285/12E-10R02	M	40	805.0	10/20/72 4/11/73 7/17/73 8/06/73 9/19/73	33.9 17.3(1) 16.6 16.8 19.5	771.1 787.7 788.4 788.2 785.5	5117
275/12E-21C01	M	40	740.0	10/24/72 4/19/73	18.0 7.6	722.0 732.4	5117	285/12E-11N06	M	40	820.0	10/20/72 4/11/73 7/17/73 8/06/73 9/19/73	29.5 7.8 14.1 14.0 22.0	790.5 812.2 805.9 806.0 798.0	5117
275/12E-21N04	M	40	750.0	10/24/72	14.4	735.6	5117	285/12E-13P02	M	40	900.0	10/20/72 4/18/73 9/16/73	56.7(1) 51.9 55.4(1)	843.3 848.1 844.6	5117
275/12E-21N05	M	40	737.0	7/17/73 8/06/73 9/19/73	6.8 8.4 10.0	730.2 728.6 727.0	5117	285/12E-13002	M	40	960.0	10/20/72 4/11/73	106.3 103.6	853.7 856.4	5117
275/12E-22M01	M	40	850.0	10/24/72 4/13/73	149.5 114.2	700.5 735.8	5117	285/12E-14R03	M		828.0	6/18/73	NM-1		5117
275/12E-29P04	M	40	750.0	10/24/72 4/12/73 6/18/73 7/12/73 8/06/73 9/19/73	18.3 7.0 8.0 9.2 9.2 12.4	731.7 743.0 742.0 740.8 740.8 737.6	5117	285/12E-24C01	M	40	852.6	10/20/72 4/18/73 7/10/73 8/06/73 9/16/73	14.0 9.3 10.9(1) 11.8 15.2(1)	838.6 843.3 841.7 840.8 837.4	5117
275/12E-29P06	M			4/12/73 6/18/73	FLOW FLOW		5117	285/12E-24C02	M	40	850.0	10/20/72 4/18/73 7/16/73 8/06/73 9/16/73	17.3 12.5 14.1 14.9 15.7	832.7 837.5 835.9 835.1 834.3	5117
275/12E-32C06	M	40	760.0	10/24/72 4/12/73 7/17/73 9/19/73	18.0 8.1 9.2 11.2	742.0 751.9 750.8 748.8	5117	285/12E-25R01	M	40	860.0	10/06/72 4/11/73 6/13/73 9/10/73	25.0 14.0 15.0 22.0	835.4 846.0 845.0 838.0	5117
275/12E-32P04	M		810.0	6/18/73	NM-1		5117	285/12E-25R02	M	40	960.0	10/06/72 4/11/73 6/15/73 9/10/73	24.8 13.8 15.0 21.6	935.2 946.2 945.6 938.4	5117
275/12E-32P07	M		930.0	10/24/72 7/17/73 8/06/73 9/19/73	12.8 4.5(2) 4.5(2) 7.5	797.2 925.5 805.5 922.5	5117	285/12E-25R03	M	40	960.0	10/06/72 6/15/73 9/10/73	24.4 18.0(1) 23.5(1)	935.6 942.0 936.5	5117
275/12E-32P08	M	40	810.0	10/24/72 7/17/73 8/06/73 9/19/73	13.7 5.3(2) 12.8(1) 8.5	796.3 804.7 797.2 801.5	5117	285/12E-25R04	M	40	877.0	4/11/73 6/18/73 7/16/73 8/06/73 9/19/73	10.2 10.8 12.9 19.1 17.3	868.8 866.2 864.1 857.9 859.7	5117
275/12E-32P09	M	40	810.0	10/24/72	13.2	796.8	5117	285/12E-25R05	M	40	960.0	10/06/72 6/15/73 9/10/73	24.4 18.0(1) 23.5(1)	935.6 942.0 936.5	5117
275/12E-33F01	M	40	900.0	10/24/72 4/13/73	136.6 110.2	763.4 789.8	5117	285/12E-25R06	M	40	877.0	4/11/73 6/18/73 7/16/73 8/06/73 9/19/73	10.2 10.8 12.9 19.1 17.3	868.8 866.2 864.1 857.9 859.7	5117
275/13E-09K01	M		885.0	11/03/72 4/19/73	9.8 FLOW	875.2	5117	285/13E-04K01	M	40	1199.5	11/03/72 4/19/73	59.5 35.7	1139.7 1163.8	5117
275/13E-28F01	M		1072.0	11/03/72 4/15/73 9/21/73	124.3 115.5 142.7	947.7 956.5 929.3	5117	285/13E-04K02	M	40	1195.0	11/03/72 4/19/73	84.5 86.8	1110.5 1108.2	5117
275/13E-33L01	M		1180.0	11/03/72 4/13/73 9/21/73	109.6 110.0 115.9	1070.4 1070.0 1064.1	5117	285/13E-04K03	M	40	1185.0	11/03/72 4/12/73 9/21/73	198.0 195.0 199.0	987.0 990.0 986.0	5117
275/14E-116J02	M		1121.0	11/06/72 4/17/73	120.0 100.4	1001.0 1020.6	5117	285/13E-12M01	M	40	1150.0	11/03/72 4/19/73	23.0 7.6	1127.0 1142.4	5117
275/14E-25A01	M		1225.0	11/06/72 4/17/73	105.5 110.5(1)	1119.5 1114.5	5117	285/13E-13001	M	40	1180.0	11/03/72 4/19/73	17.3 2.8	1162.7 1177.2	5117
275/15E-03F01	M		1120.0	4/12/73 5/15/73 9/21/73	60.0 85.5 85.3	1060.0 1034.5 1034.7	5117	285/13E-14J01	M	40	1190.0	11/03/72 4/19/73	32.4 144.0(1)	1157.6 1046.0	5117
275/15E-10A02	M	40	1119.4	11/06/72 4/12/73 9/21/73	58.2 47.4 NM-1	1061.2 1072.0	5117	285/13E-31F01	M	40	920.0	4/18/73 7/16/73 8/06/73 9/19/73	62.3 65.7 74.9(1) 61.0	857.7 854.3 845.1 859.0	5117
275/15E-10R02	M	40	1130.0	11/06/72 4/17/73	67.2 60.0	1062.8 1070.0	5117	285/13E-31J01	M	40	949.5	10/19/72 7/16/73 8/06/73 9/19/73	23.8 13.0(1) 12.8 16.4(1)	925.7 936.5 936.7 933.1	5117
275/15E-14M01	M	40	1159.5	11/06/72 4/12/73	85.2 79.5	1074.3 1080.0	5117	285/13E-31K01	M	40	884.8	10/19/72 7/16/73 8/06/73 9/16/73	20.0 8.2 9.0 NM-1	864.4 876.6 875.8	5117
275/15E-35F01	M	40	1230.0	11/06/72 4/17/73	42.5 41.2	1187.5 1188.8	5117	285/13E-31L01	M	40	921.0	4/18/73 6/18/73 8/06/73 9/16/73	58.0 69.0 70.0 69.8	863.0 852.0 851.0 851.2	5117
275/16E-07P01	M	40	1224.5	11/06/72 4/25/73	69.3 60.0	1155.2 1164.5	5117	285/13E-31M01	M	40	930.0	4/18/73 6/18/73 7/18/73 8/06/73 9/19/73	97.5(1) 57.5 60.7 65.0 79.4	832.5 872.5 869.3 865.0 850.6	5117
275/16E-35001	M	40	1281.0	11/06/72	14.6	1266.4	5117	285/13E-31R02	M	40	893.7	10/19/72	26.9	866.8	5117
285/12E-03R01	M		860.0	10/24/72 4/19/73	95.5 61.3	764.5 798.7	5117								
285/12E-05R01	M	40	770.0	10/24/72 6/18/73	17.0 4.8	753.0 765.2	5117								
285/12E-10A03	M	40	815.0	4/11/73 7/17/73 8/06/73 9/19/73	7.3 83.4(1) 136.8(1) 74.5	807.7 731.6 678.2 740.5	5117								
285/12E-10H04	M		820.0	7/17/73 9/16/73	NM-1 NM-1		5117								
285/12E-10R01	M	40	816.0	10/20/72	33.4	782.6	5117								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SALINAS HYDRO UNIT							T-09	SAN LUIS OBISPO HYDRO UNIT							T-10
PASEO ROBLES HYDRO SUBUNIT							T-09.H	CAMPRIA HYDRO SUBUNIT							T-10.A
								SAN SIMON HYDRO SUBAREA							T-10.A3
285/13E-31R02 M 40			893.7	6/18/73	24.5(11)	869.2	5117	275/09E-06G01 M 40			20.0	5/01/73	9.3	10.7	5117
(CONTINUEO)				7/18/73	26.8(11)	866.9		275/09E-06G02 M 40			20.0	5/01/73	9.5	10.5	5117
				8/06/73	16.2	877.5		275/09E-08P02 M 40			21.0	10/26/72	7.5(1)	13.5	5117
				9/19/73	21.0	872.7						5/01/73	2.7	18.3	
285/13E-32N05 M 40			888.5	10/19/72	24.2	864.3	5117	275/09E-09L01 M 40			30.0	10/26/72	10.0	20.0	5117
				4/05/73	12.7	875.8						5/01/73	13.5(1)	16.5	
				6/18/73	13.4	875.1		275/09E-10G01 M 40			38.0	10/26/72	21.8	16.2	5117
				7/16/73	14.3	874.2						5/01/73	11.2	26.8	
				8/06/73	18.0	870.5		SANTA ROSA HYDRO SUBAREA							T-10.A4
				9/19/73	17.7	870.8		275/09E-21R03 M 40			13.0	5/01/73	5.0	8.0	5117
285/13E-32N06 M 40			890.0	10/19/72	10.2	879.8	5117					10/26/72	25.0	57.0	5117
				4/05/73	NM-7							5/02/73	29.4(1)	52.6	
285/14E-19801 M			1190.0	11/03/72	19.1	1170.9	5117	275/09E-26C05 M 40			40.0	10/16/72	58.3	-18.3	5117
				4/19/73	3.5	1186.5		275/09E-26D01 M 40			32.5	10/16/72	50.3	-17.8	5117
285/16E-14N01 M 40			1440.0	11/06/72	19.0	1421.0	5117	VILLA HYDRO SUBAREA							T-10.A5
285/16E-14O01 M 40			1440.0	11/06/72	47.5	1392.5	5117	285/09E-23M01 M 40			70.0	10/26/72	20.0	50.0	5117
295/13E-05F03 M 40			916.1	6/18/73	14.9	901.2	5117					5/02/73	16.9	53.1	
				7/18/73	16.2	899.9		OLD HYDRO SUBAREA							T-10.A7
				8/06/73	16.8	899.3		285/10E-34N03 M 40			47.0	10/26/72	17.8	29.2	5117
				9/19/73	17.3	898.8						5/02/73	18.6	28.4	
295/13E-05K02 M 40			928.5	10/19/72	21.6	906.9	5117	295/10E-03C05 M 40			35.0	10/26/72	9.9	25.1	5117
295/13E-06A01 M			920.0	10/19/72	64.5	855.5	5117					5/02/73	16.0(2)	19.0	
				4/18/73	27.7	892.3		295/10E-03C07 M 40			35.0	10/26/72	10.4	24.6	5117
295/13E-08F01 M 40			950.0	10/24/72	17.9	932.1	5117					5/02/73	15.0	20.0	
				4/18/73	10.0	940.0		TORO HYDRO SUBAREA							T-10.A8
295/13E-08M01 M 40			945.0	10/24/72	11.1	933.9	5117	295/10F-01P01 M			130.0	10/26/72	10.3	119.7	5117
				4/18/73	5.0	940.0						5/02/73	NM-9		
295/13E-08N05 M 40			1002.6	10/19/72	11.8	990.8	5117	SAN LUIS OBISPO HYDRO SUBUNIT							T-10.B
				4/18/73	3.3	999.3		MORRO HYDRO SUBAREA							T-10.B1
POZO HYDRO SUBUNIT							T-09.1	295/10E-25C03 M 40			20.0	10/24/72	34.0(1)	-14.0	5117
305/15E-21C01 M 40			1465.0	11/09/72	18.0	1447.0	5117	295/10F-25F02 M 40			20.0	10/24/72	26.0	-6.0	5117
				4/16/73	15.6(11)	1449.4						4/30/73	11.0	9.0	
305/15E-21O01 M 40			1447.5	11/09/72	14.9	1432.6	5117	295/11E-17A01 M			210.0	10/26/72	18.2	191.8	5117
				4/16/73	8.3	1439.2						5/02/73	16.9(1)	193.1	
								295/11E-17A02 M 40			219.0	10/26/72	29.5	189.5	5117
												5/02/73	25.9	193.1	
								295/11E-17A03 M 40			219.0	10/26/72	30.0	189.0	5117
												5/02/73	26.1	192.9	
								295/11E-19R02 M 40			120.0	10/26/72	33.7	86.3	5117
												5/02/73	28.5	91.5	
								295/11F-19P01 M 40			78.1	10/26/72	47.9	30.2	5117
												5/02/73	22.5	55.6	
								295/11E-30D01 M 40			61.5	10/26/72	33.5	28.0	5117
												5/02/73	8.2	53.7	
								CHOFRO HYDRO SUBAREA							T-10.B2
								295/11E-32J01 M 40			32.0	10/24/72	39.5	-7.5	5117
												4/30/73	9.5	22.5	
								295/11E-32J02 M 40			34.6	10/25/72	40.8	-6.2	5117
												5/03/73	13.0	21.8	
								295/11E-32J04 M 40			36.0	10/24/72	43.0	-7.0	5117
												4/30/73	14.0	22.0	
								295/11E-32J06 M 40			38.0	10/24/72	40.0	-2.0	5117
												4/30/73	10.0	28.0	
								295/11E-32J08 M 40			37.5	10/24/72	40.5	-3.0	5117
												4/30/73	9.5	28.0	
								305/11E-03D02 M 40			75.0	10/24/72	26.0	49.0	5117
												4/30/73	22.0	53.0	
								305/12E-17O01 M 40			330.0	10/25/72	21.4	308.6	5117
												5/03/73	2.0	328.0	
								LOS OSOS HYDRO SUBAREA							T-10.B3
								305/10E-13L01 M 40			50.0	10/24/72	36.8(4)	13.2	5117
												5/03/73	86.6(1)	-36.6	
								305/10E-13L02 M 40			46.0	10/25/72	33.0(4)	13.0	5117
												5/03/73	29.0	17.0	

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TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN LUIS OBISPO HYDRO UNIT SAN LUIS OBISPO HYDRO SUBUNIT LOS OSOS HYDRO SUBAREA							T-10 T-10.8 T-10.83	SAN LUIS OBISPO HYDRO UNIT ARROYO GRANDE HYDRO SUBUNIT ARROYO GRANDE HYDRO SUBAREA							T-10 T-10.C T-10.C1
305/11E-07K01 M	40	50.0	10/25/72 5/03/73	43.2 40.0	6.8 10.0	5117		315/14E-31N02 M	40	320.0	8/07/73 9/12/73	6.3 40.8	311.7 279.2	5117	
(CONTINUED)															
305/11E-08M02 M	40	100.0	5/03/73	65.8	34.2	5117		315/14E-32E03 M	40	365.5	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	30.1 43.6 23.3 22.7 33.7 31.0(1) 32.0(1)	335.4 321.9 342.2 342.8 331.8 334.5 333.5	5117	
305/11E-17H01 M	40	24.0	10/25/72 5/03/73	13.4(1) 18.9	10.6 5.1	5117		315/14E-32M02 M	40	365.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	31.8(1) 36.0 27.9 28.2(1) 26.6 128.5(1) 124.5	333.2 329.0 337.1 336.8 338.4 236.5 240.5	5117	
305/11E-17H02 M	40	30.0	10/25/72 11/06/72 5/03/73	16.1 16.4(2) 10.1	13.9 13.6 19.9	5117		325/12E-24R01 M	40	10.0	9/20/73	2.2	7.8	5117	
305/11E-18M01 M	40	120.0	3/01/73 8/31/73 9/30/73	96.6 101.6 100.6	23.4 18.4 19.4	5117		325/12E-24R02 M	40	10.0	9/20/73	3.3	6.7	5117	
305/11E-18K02 M	40	104.5	10/25/72 5/03/73	121.5 136.0	-17.0 -31.5	5117		325/13E-01G01 M	40	305.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	21.6 22.3 23.6 28.0(1) 28.9(1) 28.8(1) 28.5(1)	283.4 282.7 281.4 277.0 276.1 276.2 276.5	5117	
305/11E-18K03 M	40	121.0	10/24/72 1/02/73 4/01/73 9/30/73	164.0 160.0 163.0 118.0	-43.0 -39.0 -42.0 3.0	5117		325/12E-24R01 M	40	10.0	9/20/73	2.2	7.8	5117	
305/11E-18K04 M	40	118.0	9/30/73	116.0	2.0	5117		325/12E-24R02 M	40	10.0	9/20/73	3.3	6.7	5117	
305/11F-18001 M	40	129.5	10/25/72 5/03/73	61.7 64.5	67.8 65.0	5117		325/13E-01G01 M	40	305.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	21.6 22.3 23.6 28.0(1) 28.9(1) 28.8(1) 28.5(1)	283.4 282.7 281.4 277.0 276.1 276.2 276.5	5117	
305/11E-21F01 M	40	76.9	10/25/72 5/03/73	24.0 12.9	52.9 64.0	5117		325/13E-12C03 M	40	271.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	20.3 19.7 16.4 19.9 24.1 41.2(1) 42.3(1)	250.7 251.3 254.6 251.1 246.9 229.8 228.7	5117	
SAN LUIS OBISPO CR HYDRO SUBAREA							T-10.84	SAN LUIS OBISPO CR HYDRO SUBAREA							T-10.84
305/12E-32J01 M	40	128.7	10/20/72 5/03/73	11.2 6.9	117.5 121.8	5117		325/13E-12C04 M	40	260.0	10/17/72 5/07/73	23.2 20.7	236.8 239.3	5117	
315/12E-03P02 M		125.0	10/20/72 5/03/73	9.2 4.1	115.8 120.9	5117		325/13E-12C04 M	40	260.0	10/17/72 5/07/73	23.2 20.7	236.8 239.3	5117	
315/12F-10F03 M	40	115.0	10/20/72 5/07/73	4.8 0.3	110.2 114.7	5117		325/13E-12F04 M	40	250.0	10/17/72 11/30/72 4/06/73 5/07/73 7/12/73 8/07/73 9/12/73	19.5 17.5 24.8 37.6(1) 100.0(1) 19.4 20.5	230.5 232.5 225.2 212.4 150.0 230.6 229.5	5117	
315/12E-10G02 M	40	125.0	10/20/72 5/07/73	18.9 10.0	106.1 115.0	5117		325/13E-12N01 M	40	231.0	10/17/72 11/30/72 4/02/73 5/07/73 7/11/73 8/07/73 9/12/73	25.3 24.4 17.4 20.5 23.8 24.6 25.0	205.7 206.6 213.6 210.5 207.2 206.4 206.0	5117	
315/12E-12E03 M	40	165.0	10/24/72 5/07/73	19.2 17.9	145.8 147.1	5117		325/13E-12N01 M	40	231.0	10/17/72 11/30/72 4/02/73 5/07/73 7/11/73 8/07/73 9/12/73	25.3 24.4 17.4 20.5 23.8 24.6 25.0	205.7 206.6 213.6 210.5 207.2 206.4 206.0	5117	
315/12E-12003 M	40	200.0	10/24/72 5/07/73	42.7(1) 39.6(1)	157.3 160.4	5117		325/13E-13002 M	40	223.5	10/17/72 5/07/73	21.6 25.5(1)	201.9 198.0	5117	
315/12F-14C01 M	40	135.0	10/24/72	16.2	118.8	5117		325/13E-13002 M	40	223.5	10/17/72 5/07/73	21.6 25.5(1)	201.9 198.0	5117	
315/12E-15R01 M	40	125.0	10/24/72 5/07/73	46.0(14) 10.5	79.0 114.5	5117		325/13E-14002 M	40	174.0	10/18/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	34.5 42.6 19.0 33.8 61.3(1) 63.5(2) 54.4	139.5 131.4 155.0 140.2 112.7 110.5 119.6	5117	
315/12E-28C01 M	40	45.0	10/24/72 5/08/73	10.8 8.4	34.2 36.6	5117		325/13E-14002 M	40	174.0	10/18/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	34.5 42.6 19.0 33.8 61.3(1) 63.5(2) 54.4	139.5 131.4 155.0 140.2 112.7 110.5 119.6	5117	
315/12E-32C01 M	40	45.0	10/24/72 5/08/73	12.8 11.4	32.2 33.6	5117		325/13E-14R01 M	40	200.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73	73.9 57.5 27.5 42.9 57.4 66.0	126.1 142.5 172.5 157.1 142.6 134.0	5117	
315/12E-32001 M	40	42.0	10/24/72 5/08/73	13.2 13.0	28.8 29.0	5117		325/13E-14R01 M	40	200.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73	73.9 57.5 27.5 42.9 57.4 66.0	126.1 142.5 172.5 157.1 142.6 134.0	5117	
315/12E-32002 M	40	42.0	10/24/72 5/08/73	18.2 17.1	23.8 24.9	5117		325/13E-14R02 M	40	197.6	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	72.9 56.5 23.9 25.2 53.9 65.5 73.4(1)	124.7 143.1 173.7 172.4 143.7 132.1 124.2	5117	
315/13F-18N01 M	40	192.0	10/24/72	11.1	180.9	5117		325/13E-14R03 M	40	180.0	10/18/72 11/30/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	73.8 51.0 22.0 53.5(1) 51.4 77.0(1) 83.4(1)	106.2 129.0 158.0 126.5 128.6 103.0 96.6	5117	
PISMO HYDRO SUBAREA							T-10.86	PISMO HYDRO SUBAREA							T-10.86
315/13E-16N01 M	40	324.5	10/24/72 5/07/73	57.8 9.7	266.7 314.8	5117		325/13E-22R02 M	40	100.0	10/18/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	37.9 35.2(1) 15.2 41.6(1) 28.0 41.8(1)	62.1 64.8 84.8 58.4 72.0 58.2	5117	
315/13F-19401 M	40	262.0	10/24/72 5/07/73	24.5 10.6	237.5 251.4	5117		325/13E-22R02 M	40	100.0	10/18/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	37.9 35.2(1) 15.2 41.6(1) 28.0 41.8(1)	62.1 64.8 84.8 58.4 72.0 58.2	5117	
315/13E-27003 M	40	300.0	10/24/72 5/07/73	16.0 4.8	284.0 295.2	5117		325/13E-22R03 M	40	100.0	10/18/72 4/02/73 5/07/73 7/12/73	34.5 18.2 43.9(1) 56.1	65.5 81.8 56.1	5117	
315/13E-29C01 M	40	255.0	10/24/72	18.4	236.6	5117		325/13E-22R03 M	40	100.0	10/18/72 4/02/73 5/07/73 7/12/73	34.5 18.2 43.9(1) 56.1	65.5 81.8 56.1	5117	
ARROYO GRANDE HYDRO SUBUNIT							T-10.C	ARROYO GRANDE HYDRO SUBUNIT							T-10.C
ARROYO GRANDE HYDRO SUBAREA							T-10.C1	ARROYO GRANDE HYDRO SUBAREA							T-10.C1
325/13E-12003 M	40	237.5	10/18/72 5/07/73	26.8 24.1	210.7 213.4	5117		325/13E-22R02 M	40	100.0	10/18/72 4/02/73 5/07/73 7/12/73 8/07/73 9/12/73	37.9 35.2(1) 15.2 41.6(1) 28.0 41.8(1)	62.1 64.8 84.8 58.4 72.0 58.2	5117	
265/12E-35P01 M	40	830.0	10/26/72 4/24/73	171.0 149.0(1)	659.0 681.0	5117		325/13E-22R03 M	40	100.0	10/18/72 4/02/73 5/07/73 7/12/73	34.5 18.2 43.9(1) 56.1	65.5 81.8 56.1	5117	
315/14E-31N02 M	40	320.0	10/17/72 11/30/72 4/02/73 5/07/73 7/12/73	4.8 43.3(1) 6.2 9.0 48.0(1)	315.2 276.7 313.8 311.0 272.0	5117		325/13E-22R03 M	40	100.0	10/18/72 4/02/73 5/07/73	34.5 18.2 43.9(1)	65.5 81.8 56.1	5117	



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN LUIS OBISPO HYDRO UNIT ARROYO GRANDE HYDRO SUBUNIT ARROYO GRANDE HYDRO SUBAREA								SAN LUIS OBISPO HYDRO UNIT ARROYO GRANDE HYDRO SUBUNIT ARROYO GRANDE HYDRO SUBAREA							
								T-10 T-10.C T-10.C1							
325/13E-22R03 M	40		100.0	7/12/73	55.6(1)	44.4	5117	325/13E-29M04 M	40		61.2	8/07/73	48.7(1)	12.5	5117
(CONTINUED)				8/07/73	29.2	70.8		(CONTINUED)				9/12/73	44.7	16.5	
				9/12/73	35.9(1)	64.1									
325/13E-23C01 M			185.0	5/07/73	NM-1		5117	325/13E-29N01 M			79.0	5/08/73	NM-9		5117
												7/13/73	NM-1		
325/13E-23F01 M	40		161.2	10/18/72	12.7	148.5	5117	325/13E-30J08 M	40		42.0	10/19/72	36.7	5.3	5117
				4/02/73	9.4	151.8						5/08/73	32.8	9.2	
				5/07/73	11.4	149.8									
				7/12/73	14.4(1)	146.8		325/13E-30K04 M	40		30.0	10/18/72	18.0	12.0	5117
				8/07/73	15.0	146.2						4/03/73	14.3	15.7	
				9/12/73	14.6	146.6						5/08/73	14.7	15.3	
												7/13/73	16.1	13.9	
325/13E-23M07 M	40		140.0	10/18/72	24.2	115.8	5117					8/08/73	19.2	10.8	
				4/02/73	11.3	128.7						9/12/73	16.8	13.2	
				5/07/73	22.6	117.4		325/13E-30K06 M	40		30.0	10/18/72	16.7	13.3	5117
				7/12/73	31.1	108.9						4/03/73	13.1	16.9	
				9/12/73	26.5	113.5						5/08/73	11.8	18.2	
325/13E-27003 M	40		103.5	10/18/72	41.2	62.3	5117					7/13/73	15.7	14.3	
				4/02/73	27.6	75.9						8/08/73	14.8	15.2	
				5/08/73	27.9	75.6		325/13E-30K11 M	40		29.2	10/18/72	23.4	5.8	5117
				7/13/73	36.6	66.9						5/08/73	20.2	9.0	
				8/07/73	36.6	66.9									
				9/12/73	36.5	67.0									
325/13E-28G01 M	40		86.2	10/18/72	32.2	54.0	5117	325/13E-30K14 M	40		41.0	10/19/72	33.8	7.2	5117
				4/02/73	19.8	66.4						4/03/73	30.0	11.0	
				5/08/73	20.9	65.3						5/08/73	30.0	11.0	
				7/13/73	32.9(2)	53.3						7/13/73	32.4	8.6	
				8/07/73	19.9	66.3						9/12/73	26.5	14.5	
				9/12/73	31.1	55.1									
325/13E-28K01 M	40		82.0	5/08/73	33.3	48.7	5117	325/13E-30K16 M	40		30.0	10/18/72	17.7	12.3	5117
												5/08/73	15.3	14.7	
325/13E-28L01 M	40		90.0	10/18/72	91.0	-1.0	5117					7/13/73	16.1	13.9	
				5/08/73	88.0	2.0						8/08/73	16.0	14.0	
												9/12/73	16.7	13.3	
325/13E-28Q02 M	40		72.9	10/18/72	50.1	22.8	5117	325/13E-30L02 M	40		15.0	10/20/72	10.2	4.8	5117
				4/02/73	34.0	38.9						5/08/73	11.2	3.8	
				5/08/73	37.2	35.7									
				7/13/73	43.9	29.0		325/13E-30N01 M	40		30.0	9/20/73	6.8	23.2	5117
				8/07/73	43.0	29.9									
				9/12/73	43.0	29.9		325/13E-30N02 M	40		30.0	7/20/73	1.0	29.0	5117
325/13E-28Q06 M	40		75.0	10/18/72	49.2	25.8	5117	325/13E-30N03 M	40		30.0	9/20/73	4.7	25.3	5117
				4/02/73	36.8(1)	38.2									
				5/08/73	35.8	39.2		325/13E-30P02 M	40		28.3	10/20/72	22.1	6.2	5117
				7/13/73	42.2	32.8						5/08/73	21.0	7.3	
				8/07/73	43.9	31.1		325/13E-30R02 M	40		46.5	10/20/72	38.7(1)	7.8	5117
				9/12/73	41.1	33.9						4/03/73	36.0	10.5	
325/13E-29R01 M	40		81.4	10/18/72	74.6	6.8	5117					5/08/73	37.7	8.8	
				5/08/73	83.2(1)	-1.8						7/13/73	38.7	7.8	
												8/08/73	40.0	6.5	
325/13E-29C02 M	40		71.6	10/19/72	69.1	2.5	5117					9/12/73	39.5	8.0	
				4/03/73	75.6(1)	-4.0		325/13E-31A02 M	40		51.0	10/20/72	46.8	4.2	5117
				5/08/73	74.6(1)	-3.0						5/08/73	45.0(1)	6.0	
				7/13/73	66.6	5.0									
				8/07/73	69.1(4)	2.5		325/13E-31R03 M	40		8.5	10/20/72	3.2	5.3	5117
				9/12/73	73.8(1)	-2.2						5/10/73	1.2	7.3	
325/13E-29N04 M	40		54.0	10/19/72	46.0	8.0	5117	325/13E-31G01 M	40		12.0	10/20/72	4.5	7.5	5117
				4/03/73	41.6	12.4						5/10/73	2.7	9.3	
				5/08/73	41.6	12.4									
				7/13/73	41.0(4)	13.0		325/13E-31G02 M	40		19.9	10/20/72	12.8	7.1	5117
				8/07/73	44.5	9.5						5/10/73	9.9	10.0	
				9/12/73	43.8	10.2									
325/13E-29E02 M	40		50.5	10/19/72	47.2	3.3	5117	325/13E-31H07 M	40		19.0	10/20/72	9.8	9.2	5117
				4/03/73	65.5(1)	-15.0						5/10/73	7.7	11.3	
				5/08/73	43.5	7.0		325/13E-32R03 M	40		70.0	10/20/72	62.0	8.0	5117
				7/13/73	45.2	5.3						5/10/73	55.4	14.6	
325/13E-29G07 M	40		80.0	10/18/72	71.5	8.5	5117	325/13E-32C02 M	40		60.0	10/20/72	58.0	2.0	5117
				4/03/73	70.0(1)	10.0						5/10/73	54.7	5.3	
				5/08/73	65.1	14.9									
				7/13/73	72.2(1)	7.8		325/13E-32D09 M	40		72.0	10/20/72	61.2	10.8	5117
				8/07/73	72.5(1)	7.5						5/10/73	58.4	13.6	
				9/12/73	77.5	2.5									
325/13E-29J02 M	40		82.6	10/18/72	88.6	-6.0	5117	325/13E-32J02 M	40		39.9	10/20/72	33.0	6.9	5117
				5/08/73	83.6(1)	-1.0						4/04/73	24.2	15.7	
												5/10/73	27.3	12.6	
												7/13/73	33.1	6.8	
												8/08/73	29.5	10.4	
												9/12/73	29.9	10.0	
325/13E-29J03 M	40		89.0	10/18/72	84.5	4.5	5117	325/13E-32K01 M	40		39.0	10/28/72	27.4	11.6	5117
				4/03/73	72.0	17.0						4/03/73	21.2	17.8	
				5/08/73	77.0	12.0						5/10/73	23.7	15.3	
				7/13/73	77.0	12.0						7/13/73			
				8/07/73	77.0	12.0		325/13E-32L07 M	40		20.0	10/20/72	14.9	5.1	5117
				9/12/73	66.8	22.2						5/10/73	13.5	6.5	
325/13E-29L06 M	40		71.0	10/19/72	64.3	6.7	5117	325/13E-32M03 M	40		20.0	10/20/72	10.5	9.5	5117
				4/03/73	58.7	12.3						5/10/73	8.4	11.6	
				5/08/73	60.8	10.2									
				7/13/73	43.0	8.0		325/13E-33C04 M	40		61.5	10/18/72	47.5	14.0	5117
				8/08/73	62.3	8.7						4/03/73	38.3	23.2	
				9/12/73	62.8	8.2						5/08/73	40.9(1)	20.6	
325/13E-29M04 M	40		61.2	10/19/72	46.4	14.8	5117								

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN LUIS OBISPO HYORO UNIT ARROYO GRANDE HYORO SUBUNIT ARROYO GRANDE HYORO SUBAREA								SAN LUIS OBISPO HYORO UNIT ARROYO GRANDE HYORO SUBUNIT NIPOMO MESA HYORO SUBAREA							
								T-10 T-10.C T-10.C1							
325/13E-33C04 M 40 (CONTINUED)			61.5	7/13/73 8/07/73	52.4(1) 39.7	9.1 21.8	5117	11N/35W-13F03 5 40			305.0	5/11/73	237.2	67.8	5117
325/13E-33E03 M 40			53.2	10/20/72 5/08/73	33.5(1) NM-8	19.7	5117	11N/35W-22C01 5 40			238.0	4/10/73 5/11/73	205.4 208.0	32.6 30.0	5117
325/13E-33F01 M 40			48.0	10/18/72 5/08/73	34.7 31.4(1)	13.3 16.6	5117	11N/35W-23R01 5			275.0	10/18/72 5/11/73	248.2 242.6	26.8 32.4	5117
325/13E-33K03 M 40			52.3	10/18/72 4/02/73 5/08/73 7/13/73 8/07/73 9/12/73	35.2 23.3 61.0(1) 58.3(1) 36.8 33.1	17.1 29.0 -8.7 -6.0 15.5 19.2	5117	11N/35W-24001 5 40			321.0	4/10/73 5/11/73	190.4 187.3	130.6 133.7	5000 5117
325/13E-33L02 M 40			42.1	10/18/72 5/08/73 8/06/73 9/12/73	28.4 26.7(1) 30.2 24.1	13.7 15.4 11.9 18.0	5117								
325/14E-19001 M 40			275.0	10/18/72 5/07/73	60.1 15.2	214.9 259.8	5117								
12N/35W-27N02 S 40			170.0	10/18/72 5/08/73	32.4 8.5	137.6 161.5	5117								
12N/35W-29L01 S 40			40.0	10/18/72 5/08/73	23.6 20.5	16.4 19.5	5117								
12N/35W-30K02 S 40			27.5	10/18/72 5/08/73	18.3 11.0	9.2 16.5	5117								
12N/35W-30M02 S 40			21.8	5/10/73	12.2	9.6	5117								
12N/35W-34C03 S 40			158.0	10/18/72 5/08/73	54.0(1) 14.4	104.0 143.6	5117								
12N/35W-34G03 S 40			187.9	10/18/72 5/08/73	46.0 13.5	141.9 174.4	5117								
12N/35W-34G06 S 40			198.0	10/18/72 5/08/73	42.5 14.1(1)	155.5 183.9	5117								
12N/35W-35K02 S 40			245.0	10/18/72 5/08/73	49.2 38.0(1)	195.8 207.0	5117								
NIPOMO MESA HYORO SUBAREA								T-10.C2							
11N/34W-17N03 S 40			370.0	4/09/73	184.1	185.9	5117								
11N/34W-18P01 S 40			295.0	10/18/72 4/09/73 5/11/73	272.2 264.5 272.0	22.8 30.5 23.0	5117								
11N/34W-19001 S 40			305.0	4/09/73	279.7	25.3	5000								
11N/34W-28F01 S 40			316.0	4/10/73	206.9	109.1	5117								
11N/35W-05G01 S 40			210.0	4/10/73 5/11/73	116.9 110.7	92.1 98.3	5117								
11N/35W-05L01 S 40			108.0	10/17/72 5/11/73	110.4 109.8	-2.4 -1.8	5117								
11N/35W-07P01 S 40			95.0	10/17/72 4/10/73 5/11/73	74.0 85.3 84.6(1)	21.0 9.7 10.4	5117								
11N/35W-09G01 S 40			200.0	10/17/72 5/11/73	213.8 NM-1	-13.8	5117								
11N/35W-09K02 S 40			190.0	4/10/73 5/11/73	127.9 135.9	62.1 54.1	5000 5117								
11N/35W-09K04 S 40			182.0	4/10/73 5/11/73	156.9 147.1	25.1 34.9	5117								
11N/35W-09P01 S 40			170.0 165.0 170.0	10/17/72 4/10/73 5/11/73	124.0 190.4(1) 166.4	46.0 -25.4 3.6	5117 5000 5117								
11N/35W-10P01 S 40			277.0	4/10/73	184.9	92.1	5000								
11N/35W-11R01 S 40			385.0	4/10/73	349.1	35.9	5117								
11N/35W-11C01 S 40			267.0	4/10/73	238.2(1)	28.8	5000								
11N/35W-11J01 S 40			352.0	4/10/73 5/11/73	282.9 279.5	69.1 72.5	5117								
11N/35W-12E01 S 40			377.0	4/10/73	296.7(1)	80.3	5000								
11N/35W-12E02 S 40			395.0	5/11/73	273.5(8)	121.5	5117								
11N/35W-13C01 S 40			345.0	4/10/73 5/11/73	287.6 281.0	57.4 64.0	5000 5117								
11N/35W-13E02 S 40			305.0	4/10/73 5/11/73	244.9 250.6	60.1 54.4	5000 5117								
11N/35W-13E03 S 40			305.0	4/10/73	244.6	60.4	5000								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
CARRIZO PLAIN HYDRO UNIT							T-11	SANTA MARIA-CUYAMA HYDRO UNIT							T-12
								SANTA MARIA HYDRO SURUNIT							T-12.A
295/17E-13R01	M		2038.0	10/03/72	NM-1	5117		09N/33W-08L01	S 42		700.0	4/11/73	554.9	145.1	5000
295/17E-13R02	M 40		37.9	10/03/72 4/16/73	41.5(1) 64.4(1)	-3.6 -26.5	5117	09N/33W-24L01	S		531.0	4/07/73	189.4	341.6	5000
295/18E-28G01	M 40		2022.0	11/09/72 4/16/73	64.0 58.7	1958.0 1963.3	5117	09N/33W-28M01	S		903.0	4/12/73	267.6	635.4	5000
295/18E-28K01	M 40		2020.0	11/09/72 4/16/73	30.2 28.9	1989.8 1991.1	5117	09N/34W-03A02	S 42		270.0	4/11/73	215.3	54.7	5000
295/18E-28L01	M 40		2020.0	11/09/72 4/16/73	26.3 24.8	1993.7 1995.2	5117	09N/34W-03F01	S		265.0	4/11/73	NM-1		5000
305/18E-02N01	M 40		1984.0	11/09/72 4/16/73	15.8 9.2	1968.2 1974.8	5117	09N/34W-03N01	S		258.0	4/10/73	0RY		5000
305/18E-03D01	M		2000.0	11/09/72 4/16/73	169.5(1) 28.5	1830.5 1971.5	5117	09N/34W-06K02	S 42		161.0	4/10/73	91.0	70.0	5000
305/18F-12N01	M 40		1970.0	11/09/72 4/16/73	13.2 11.0	1956.8 1959.0	5117	09N/34W-08H01	S 42		222.0	4/11/73	146.6(2)	75.4	5000
305/19F-29M02	M 40		1943.0	11/09/72 4/16/73	10.2 9.0	1932.8 1934.0	5117	09N/34W-09P01	S 42		275.0	4/11/73	193.3	81.7	5000
325/20E-12P01	M 40		1955.0	10/03/72 4/12/73	30.7 41.9	1924.3 1913.1	5117	10N/33W-07M01	S		255.0	4/10/73	119.2	135.8	5000
								10N/33W-07O02	S 42		270.0	4/09/73	118.4	151.6	5000
								10N/33W-07R01	S		270.0	4/09/73	112.9(2)	157.1	5000
								10N/33W-16N01	S		292.0	4/09/73	67.8	224.2	5000
								10N/33W-16N02	S 42		292.0	4/09/73	67.9	224.1	5000
								10N/33W-17J02	S		287.0	4/09/73	NM-1		5000
								10N/33W-18G01	S 42		273.0	10/01/72 1/01/73 4/01/73 7/01/73	120.5 100.8 74.7 110.0	152.5 172.2 198.3 163.0	5000 5404
								10N/33W-19R01	S 42		275.0	10/01/72 1/01/73 4/01/73 7/01/73	145.3 100.9 110.4 97.7	129.7 174.1 164.6 177.3	5000 5404
								10N/33W-19K01	S		280.0	4/11/73	NM-1		5000
								10N/33W-20H01	S 42		300.0	4/10/73	122.6	177.4	5000
								10N/33W-20L01	S 40		294.0	10/23/72 11/28/72 12/26/72 1/24/73 2/21/73 3/29/73 4/24/73 5/24/73 6/25/73 7/24/73 8/29/73	145.3 144.7 143.6 143.1 143.7 142.6 142.4 143.3 144.7 146.8 146.8	148.7 149.3 150.6 150.9 150.3 151.4 151.6 150.7 149.3 147.2 147.2	5000
								10N/33W-21F04	S 42		308.0	4/10/73	97.1	210.9	5000
								10N/33W-21R01	S 42		319.0	4/10/73	87.5(1)	231.5	5000
								10N/33W-27G01	S		338.0	10/01/72 1/01/73 4/01/73 7/01/73	95.2 70.1 91.0 101.3	242.8 267.9 247.0 236.7	5404
								10N/33W-27K02	S		344.0	4/10/73	112.4	231.6	5000
								10N/33W-27P01	S		352.0	4/10/73	101.8	250.2	5000
								10N/33W-28A01	S		325.0	10/01/72 11/28/72 12/26/72 1/01/73 2/21/73 3/29/73 4/01/73 5/24/73 6/25/73 7/01/73 8/29/73	96.7 99.7(2) 96.7 84.8 96.3 95.3 99.8 91.6(2) 85.8 80.0 84.5	228.3 225.3 228.3 240.2 228.7 229.7 225.2 233.4 239.2 245.0 240.5	5404 5000 5404 5000 5404 5000 5404 5000 5404 5000
								10N/33W-28F01	S		316.0	4/11/73	146.1	169.9	5000
								10N/33W-29F01	S		315.0	4/10/73	171.5	143.5	5000
								10N/33W-30G01	S 42		320.0	10/01/72 1/01/73 4/01/73 7/01/73	197.6 192.3 190.1 190.7	122.4 127.7 129.9 129.3	5000 5404
								10N/33W-30M01	S 42		310.0	10/01/72 4/01/73 7/01/73	203.0 191.7 190.0	107.0 118.3 120.0	5404
								10N/33W-30R01	S 42		335.0	10/01/72 1/01/73 4/01/73 7/01/73	188.0 180.5 184.7 174.3	147.0 154.5 150.3 160.7	5404
								10N/33W-33H01	S 42		402.0	4/11/73	224.2	177.8	5000
								10N/33W-35C01	S 42		348.0	4/10/73	49.5	298.5	5000
								10N/34W-02R01	S		230.0	10/01/72	126.8	103.2	5000

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA MARIA-CUYAMA HYDRO UNIT SANTA MARIA MYORO SUBUNIT								SANTA MARIA-CUYAMA HYDRO UNIT SANTA MARIA MYORO SUBUNIT							
								T-12 T-12.A							
10N/34W-02P01 S (CONTINUED)			230.0	1/01/73	123.0	107.0	5404	10N/35W-21R01 S 42			94.0	8/28/73	55.3(4)	38.7	5000
				4/01/73	108.0	122.0									
				7/01/73	106.4	123.6		10N/35W-23M02 S 40			125.0	4/09/73	63.8	61.2	5000
10N/34W-04R01 S			192.0	4/09/73	NM-1		5000	10N/36W-01M01 S 40			139.2	4/09/73	110.7(1)	28.5	5117
												5/11/73	119.1	20.1	
10N/34W-06N01 S 42			152.0	10/01/72	96.0	56.0	5404					9/20/73	116.2	23.0	
				1/01/73	86.4	65.6		10N/36W-02G01 S 40			15.0	9/20/73	7.8	7.2	5117
				4/01/73	93.4	58.6		10N/36W-02G02 S 40			15.0	9/20/73	13.3	1.7	5117
				7/01/73	89.9	62.1		10N/36W-02D03 S 40				9/20/73	FLOW		5117
10N/34W-09L02 S			189.0	1/01/73	117.3	71.7	5404	10N/36W-02D04 S 40				9/20/73	FLOW		5117
				4/01/73	125.0	64.0		10N/36W-02D05 S 40				9/20/73	FLOW		5117
				7/01/73	125.3	63.7		10N/36W-02D06 S 40				9/20/73	FLOW		5117
10N/34W-12P01 S 42			244.0	4/09/73	134.3	109.7	5000	10N/36W-12P01 S 42			28.0	4/09/73	2.7	25.3	5000
10N/34W-12P02 S			245.0	4/09/73	NM-4		5000	10N/36W-14M01 S 42			160.0	4/09/73	101.3	58.7	5000
10N/34W-13C01 S 42			249.0	4/09/73	155.4(1)	93.6	5000	11N/34W-21R01 S 40			300.0	4/09/73	96.8	203.2	5117
10N/34W-13G01 S 42			253.0	4/09/73	142.5	110.5	5000	11N/34W-27G02 S 40			255.0	4/09/73	80.2	174.8	5117
10N/34W-13J01 S 42			260.0	4/09/73	136.1	123.9	5000	11N/34W-27P01 S 40			287.0	4/09/73	131.0	156.0	5000
10N/34W-14E05 S 42			221.0	10/24/72	143.7	77.3	5000	11N/34W-29R01 S 40			164.0	4/10/73	96.1	67.9	5117
				11/27/72	145.2	75.8		11N/34W-30D02 S 40			145.0	4/10/73	97.4	47.6	5117
				12/26/72	145.8	75.2		11N/34W-30D03 S 40			148.0	10/01/72	92.5	55.5	5404
				1/24/73	146.4	74.6						1/01/73	76.2	71.8	
				2/22/73	146.4	74.6						4/01/73	80.0	68.0	
				3/26/73	146.3	74.7						7/01/73	80.4	67.6	
				4/24/73	147.0	74.0		11N/35W-18M01 S 40			24.0	4/10/73	6.4	17.6	5000
				5/24/73	146.9	74.1						5/11/73	10.9	13.1	5117
				6/25/73	147.0	74.0		11N/35W-19C01 S 40			37.0	4/10/73	10.5	26.5	5117
				7/24/73	147.5	73.5						5/11/73	17.6	19.4	
				8/28/73	148.4	72.6		11N/35W-19C02 S 40			37.0	4/10/73	3.9	33.1	5000
				9/26/73	148.2	72.8						5/11/73	5.2	31.4	5117
10N/34W-20M01 S 42			182.0	4/11/73	113.0(2)	69.0	5000	11N/35W-20E01 S 40			49.0	10/01/72	18.6	30.4	5404
												11/28/72	16.0	33.0	5000
10N/34W-22R01 S			217.0	10/01/72	148.4	68.6	5000					12/26/72	120.0(1)	-71.0	
				1/01/73	142.9	74.1	5404					1/01/73	20.8	28.7	5404
				4/01/73	154.7	62.3	5000					2/21/73	13.2	35.8	5000
				7/01/73	150.0	67.0	5404					3/26/73	12.4	36.6	5404
10N/34W-23M01 S 42			242.0	10/01/72	154.0	88.0	5000					4/01/73	16.8	32.2	5404
				1/01/73	156.0	86.0	5404					5/24/73	122.8(1)	-73.8	5000
				4/01/73	159.3	82.7						7/01/73	133.5(1)	-84.5	
				7/01/73	152.2	89.8						7/01/73	16.6	32.4	5404
10N/34W-24K02 S 42			244.0	10/01/72	147.7	96.3	5404	11N/35W-21K01 S 40			80.0	4/10/73	36.8	43.2	5117
				1/01/73	187.0	57.0						5/11/73	43.2(4)	36.8	
				4/01/73	172.0	72.0		11N/35W-25M01 S 40			135.0	4/10/73	NM-6		5000
				7/01/73	171.4	72.6		11N/35W-26M02 S 40			106.0	4/10/73	125.8(1)	-19.8	5117
10N/34W-24K03 S 42			245.0	10/01/72	144.1	100.9	5404	11N/35W-28F02 S 40			80.0	4/10/73	11.1	68.9	5117
				1/01/73	172.1	72.9						5/11/73	17.0	63.0	
				4/01/73	164.4	80.6		11N/35W-28M01 S 40			77.0	10/01/72	39.5	37.5	5404
				7/01/73	164.0	81.0						1/01/73	34.0	43.0	
10N/34W-26M02 S 42			260.0	4/12/73	186.2	73.8	5000					4/01/73	38.7	38.3	
10N/34W-31F02 S 42			182.0	4/11/73	126.8(1)	55.2	5000					7/01/73	41.0	36.0	
10N/34W-31L02 S 42			175.0	4/11/73	124.2	50.8	5000	11N/35W-29D01 S 40			60.0	4/10/73	34.4	25.6	5000
10N/34W-34G02 S 42			263.0	4/11/73	181.2	81.8	5000	11N/35W-33C04 S 40			80.0	4/10/73	13.8	66.2	5000
10N/35W-06A01 S 40			72.0	4/09/73	7.7	64.3	5000					5/11/73	16.2	63.8	5117
				5/11/73	8.7	63.3	5117	11N/35W-33G01 S 40			91.0	10/01/72	47.4	43.6	5404
				9/20/73	10.4	61.6						1/01/73	50.6	40.4	
10N/35W-06A02 S 40			72.0	4/09/73	8.4	63.6	5000					4/01/73	46.2	44.8	
10N/35W-06A03 S 40			72.0	4/09/73	25.5	46.5	5000					7/01/73	76.8	14.2	
10N/35W-07F01 S 42			48.0	4/12/73	8.5	39.5	5000	11N/35W-35A01 S 40			123.0	10/01/72	73.0	50.0	5404
10N/35W-09F01 S 42			88.0	4/12/73	50.6	37.4	5000					1/01/73	81.7	41.3	
10N/35W-09N03 S 42			87.0	4/12/73	11.1	75.9	5000					4/01/73	79.4	43.6	
10N/35W-11E02 S			122.0	4/12/73	NM-1		5000					7/01/73	86.9	36.1	
10N/35W-12M01 S			138.0	10/01/72	82.3	55.7	5404	11N/36W-13K02 S 40			25.0	10/23/72	19.8	5.2	5000
				1/01/73	75.6	62.4						11/28/72	19.4	5.6	
				4/01/73	61.6	76.4						12/26/72	19.6	5.4	
				7/01/73	75.6	62.4						1/24/73	18.9	6.1	
10N/35W-14L01 S 42			102.0	4/09/73	42.6(1)	59.4	5000					2/21/73	18.9	6.1	
10N/35W-18F02 S 42			49.0	4/12/73	15.3	33.7	5000					3/26/73	19.0	6.0	
10N/35W-21R01 S 42			94.0	10/23/72	52.0	42.0	5000					4/24/73	19.6	5.4	
				11/28/72	45.4	48.6						5/25/73	19.4	5.6	
				12/26/72	41.2	52.8						6/25/73	19.7	5.3	
				1/24/73	41.9	52.1						7/24/73	19.8	5.2	
				2/21/73	34.1	59.9						8/28/73	19.9	5.1	
				3/26/73	33.3	60.7									
				4/24/73	44.2	49.8									
				5/24/73	91.6(1)	2.4									
				6/25/73	80.9(1)	13.1									
				7/24/73	58.3(4)	35.7		11N/36W-13K03 S 40			25.0	10/23/72	20.1	4.9	5000

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA MARIA-CUYAMA HYDRO UNIT SANTA MARIA HYDRO SUBUNIT								SANTA MARIA-CUYAMA HYDRO UNIT CUYAMA VALLEY HYDRO SURUNIT							
T-12 T-12.4								T-12 T-12.C							
11N/36W-13K03 S 40			25.0	11/28/72	19.3	5.7	5000	07N/23W-23G01 S 56			3850.0	3/28/73	45.9	3804.1	5121
(CONTINUED)				12/26/72	19.7	5.3						9/20/73	37.1	3812.9	
				1/24/73	19.1	5.9		07N/24W-01L01 S			3500.0	10/06/72	NM-1		5121
				2/21/73	19.1	5.9		07N/24W-02R01 S			3425.0	7/17/73	NM-1		5121
				3/26/73	19.1	5.9					9/19/73	NM-3			
				4/24/73	19.8	5.2		07N/24W-12G01 S			3540.0	10/05/72	NM-9		5121
				5/24/73	19.6	5.4					7/17/73	NM-7			
				6/25/73	19.9	5.1		07N/24W-12H01 S			3570.0	10/06/72	NM-9		5121
				7/24/73	20.0	5.0		07N/24W-13C02 S 56			3418.0	4/11/73	18.9	3399.1	5000
				8/28/73	20.1	4.9		08N/23W-17H01 S			4040.0	9/19/73	NM-3		5121
11N/36W-13K04 S 40			25.0	10/23/72	20.3	4.7	5000	08N/24W-08L01 S 56			3050.0	10/25/72	118.2	2931.8	5000
				11/28/72	19.6	5.4					11/27/72	120.2	2929.8		
				12/26/72	19.6	5.4					12/26/72	121.6	2928.4		
				1/24/73	19.3	5.7					1/23/73	122.9	2927.1		
				2/21/73	19.0	6.0					2/22/73	123.0	2927.0		
				3/26/73	19.1	5.9					3/26/73	120.5	2929.5		
				4/24/73	20.0	5.0					4/24/73	118.8	2931.2		
				5/24/73	20.1	4.9					5/23/73	118.9	2931.1		
				6/25/73	20.5	4.5					6/25/73	118.8	2931.2		
				7/24/73	20.7	4.3					7/24/73	118.9	2931.1		
				8/28/73	20.6	4.4					8/28/73	119.2	2930.8		
11N/36W-13K05 S 40			25.0	10/23/72	18.3	6.7	5000				9/25/73	119.6	2930.4		
				11/28/72	15.8	9.2		08N/24W-28R01 S 42			3250.0	10/06/72	52.3	3197.7	5121
				12/26/72	15.4	9.6					4/02/73	10.4	3239.6		
				1/24/73	15.2	9.8					7/17/73	15.5	3234.5		
				2/21/73	14.4	10.6					9/20/73	22.5	3227.5		
				3/26/73	14.3	10.7		09N/24W-33M01 S 42			3049.0	4/11/73	165.2	2883.8	5000
				4/24/73	17.5	7.5		09N/25W-13R01 S 40			2681.0	4/11/73	99.4	2581.6	5000
				5/24/73	19.2	5.8		09N/26W-01F02 S			2603.0	4/11/73	316.0	2287.0	5000
				6/25/73	20.9	4.1		09N/26W-04J01 S			2575.0	4/11/73	298.3	2276.7	5000
				7/24/73	21.5	3.5		10N/25W-08P01 S			2293.0	4/11/73	87.5	2205.5	5000
				8/28/73	21.1	3.9		10N/25W-24E01 S 40			2475.0	10/27/72	333.3	2141.7	5000
11N/36W-13K06 S 40			25.0	10/23/72	18.1	6.9	5000				11/27/72	333.8	2141.2		
				11/28/72	16.0	9.0					12/27/72	338.8	2136.2		
				12/26/72	15.6	9.4					1/27/73	339.5	2135.5		
				1/24/73	15.3	9.7					2/22/73	339.6	2135.4		
				2/21/73	14.6	10.4					3/26/73	334.0	2141.0		
				3/26/73	14.5	10.5					4/24/73	333.3	2141.7		
				4/24/73	17.7	7.3					5/23/73	334.8	2140.2		
				5/24/73	19.6	5.4					6/25/73	335.1	2139.4		
				6/25/73	21.2	3.8					7/24/73	341.2	2133.4		
				7/24/73	21.8	3.2					8/28/73	342.0	2133.0		
				8/28/73	21.4	3.6					9/25/73	342.5	2132.5		
11N/36W-35J02 S				9/20/73	FLOW		5117	10N/25W-30F01 S 42			2320.0	4/11/73	130.1(2)	2189.9	5000
11N/36W-35J03 S 40			30.0	9/20/73	5.0	25.0	5117	10N/26W-04R01 S 40			2116.0	4/11/73	55.4(2)	2060.6	5000
11N/36W-35J04 S 40			30.0	9/20/73	5.1	24.9	5117	10N/26W-16Q01 S 42			2205.0	4/11/73	76.9	2128.1	5000
SISQUOC HYDRO SURUNIT								T-12.8							
09N/32W-06D01 S			433.0	4/10/73	84.3	348.7	5000	10N/26W-22A01 S 42			2219.0	4/11/73	73.7	2145.3	5000
09N/32W-06G02 S 42			505.0	4/10/73	183.6	321.4	5000	10N/26W-27N01 S 42			2362.0	4/11/73	165.2	2196.8	5000
09N/32W-07A01 S 42			470.0	4/10/73	129.0	341.0	5000	10N/27W-11A01 S 42			1978.0	10/25/72	55.7	1922.3	5000
09N/32W-07N01 S 42			422.0	10/01/72	96.7	325.3	5404				11/27/72	51.2	1926.4		
				1/01/73	71.7	350.3					12/27/72	47.5	1930.5		
				4/01/73	87.7	334.3					1/27/73	45.2	1932.8		
				7/01/73	86.4	335.6					2/22/73	43.3	1934.7		
09N/32W-07Q01 S 42			421.0	4/10/73	63.0(1)	358.0	5000				3/26/73	53.5(2)	1924.5		
09N/32W-08N01 S			420.0	4/10/73	43.4	376.6	5000				4/24/73	56.7(2)	1921.3		
09N/32W-09P03 S			500.0	4/10/73	NM-4		5000				5/23/73	61.4(2)	1916.6		
09N/32W-16L01 S			468.0	4/10/73	21.2	446.8	5000				6/25/73	55.4	1922.6		
09N/32W-17G01 S 42			447.0	4/10/73	41.6	405.4	5000				7/24/73	61.4(2)	1916.6		
09N/32W-18H01 S			443.0	4/10/73	55.9	387.1	5000				8/28/73	68.3(2)	1909.7		
09N/32W-19A01 S			728.0	4/10/73	361.2	366.8	5000				9/25/73	69.7(2)	1908.3		
09N/32W-20E01 S			638.0	4/10/73	251.0	387.0	5000	10N/27W-11C01 S 42			1963.0	4/11/73	39.9(2)	1923.1	5000
09N/32W-22D01 S			490.0	4/10/73	10.7	479.3	5000	10N/27W-12R01 S 42			2045.0	4/11/73	95.0	1950.0	5000
09N/32W-23K01 S			532.0	4/10/73	7.8	524.2	5000	10N/32W-19E01 S			380.0	3/27/73	8.5	371.5	5000
09N/32W-32K01 S 42			725.0	4/07/73	62.5	662.5	5000	10N/32W-19E02 S 42			380.0	3/27/73	9.9	370.1	5000
09N/32W-33M01 S			745.0	4/07/73	62.3	682.7	5000	10N/32W-19M01 S			380.0	3/27/73	7.8	372.2	5000
09N/33W-02A01 S 42			378.7	10/01/72	89.8	288.9	5404	10N/33W-36A01 S			372.0	3/27/73	18.3	353.7	5000
				1/01/73	66.8	311.9									
				4/01/73	86.3	292.4									
				7/01/73	80.5	298.2									
09N/33W-02H09 S 42			280.0	4/10/73	73.8	206.2	5000								
09N/33W-12C01 S 42			399.0	4/10/73	95.0	304.0	5000								

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN ANTONIO HYDRO UNIT							T-13	SANTA YNFZ HYDRO UNIT LOMPOC HYDRO SUBUNIT							T-14 T-14.A
08N/32W-30H07	5	42	563.0	4/07/73	26.4	536.6	5000	06N/34W-04G03	5	42	100.0	4/11/73	55.6	44.4	5000
08N/33W-20001	5	42	408.0	10/23/72	37.3	370.7	5000				97.0	5/24/73	55.0	42.0	5001
				11/28/72	37.2	370.8					100.0	6/21/73	54.7	45.3	5000
				12/26/72	37.4	370.6						7/18/73	55.0	45.0	
				1/24/73	37.3	370.7					97.0	8/30/73	55.4	41.6	5001
				2/21/73	36.4	371.6					100.0	9/26/73	55.5	44.5	5000
				3/26/73	34.1	373.9		06N/34W-06C02	5	42	99.8	4/11/73	62.2	37.6	5000
				4/24/73	34.3	373.7									
				5/24/73	34.3	373.7		07N/33W-17N02	5		360.0	4/25/73	272.8	87.2	5000
				6/25/73	34.8	373.2									
				7/24/73	35.6	372.4		07N/33W-30C01	5	42	235.2	4/24/73	168.8	66.4	5000
				8/28/73	36.2	371.8									
08N/33W-20R01	5	42	408.0	4/07/73	35.4	372.6	5000	07N/34W-12E01	5	42	385.8	10/25/72	316.6	69.2	5000
08N/34W-04N01	5		460.0	4/19/73	139.5	320.5	5000				11/27/72	316.7	69.1		
08N/34W-07001	5		280.0	4/19/73	3.0	277.0	5000				12/26/72	316.8	69.0		
08N/34W-16G01	5	42	291.0	4/20/73	0.5	290.5	5000				1/24/73	316.9	68.9		
08N/34W-16G02	5	42	320.0	4/20/73	23.3	296.7	5000				2/23/73	316.8	69.0		
08N/34W-16J01	5	42	320.0	4/20/73	13.9	306.1	5000				3/27/73	316.7	69.1		
08N/34W-23B01	5	42	315.0	4/07/73	24.6	290.4	5000				4/24/73	316.3	69.5		
09N/34W-32P01	5	42	480.0	4/20/73	16.2	463.8	5000				5/24/73	316.8	69.0		
09N/35W-18L01	5	42	80.0	4/20/73	71.3	8.7	5000				6/25/73	316.9	68.9		
											7/24/73	317.0	68.8		
								07N/34W-14F03	5	42	268.0	8/28/73	317.1	68.7	
											9/26/73	316.6	69.2		
								07N/34W-20K04	5	42	75.0	4/16/73	224.4	43.6	5000
											4/19/73	26.4	48.6	5000	
								07N/34W-20M02	5	42	70.0	4/19/73	30.3	39.7	5000
								07N/34W-21E01	5		82.0	10/25/72	NM-4		5000
											11/27/72	NM-4			
											12/26/72	NM-4			
											1/24/73	NM-4			
											2/23/73	NM-4			
											3/27/73	NM-4			
											4/24/73	NM-4			
											5/31/73	NM-0			
								07N/34W-22L01	5		93.0	6/21/73	NM-6		5001
								07N/34W-22M06	5	42	150.0	9/26/73	39.0	111.0	5001
								07N/34W-22O04	5		82.7	1/17/73	NM-9		5001
								07N/34W-23L01	5		102.0	6/21/73	NM-1		5000
								07N/34W-24N01	5	42	130.4	4/24/73	80.1(1)	50.3	5000
								07N/34W-25P01	5		119.8	10/19/72	NM-1		5001
											12/21/72	NM-1			
											1/16/73	NM-9			
											119.3	3/25/73	NM-1		5000
											119.8	6/21/73	NM-1		5001
											119.3	7/18/73	NM-1		5000
											119.8	8/30/73	NM-1		5001
											9/26/73	NM-1			
								07N/34W-26M02	5		109.9	10/19/72	NM-1		5001
											9/26/73	NM-1			
								07N/34W-26M03	5	42	112.9	1/17/73	55.3	57.6	5000
											2/22/73	54.0	54.9		
											3/22/73	53.0	59.9		
											4/16/73	53.7	59.2		
											5/24/73	52.8	60.1		
											6/21/73	53.5	59.4		
											7/18/73	53.6	59.3		
											8/30/73	55.2	57.7		
											9/26/73	54.8	58.1		
								07N/34W-26P01	5		91.8	10/17/72	DRY		5001
											11/20/72	DRY			
											12/21/72	DRY			
											1/16/73	DRY		5000	
											9/26/73	DRY			
								07N/34W-26D03	5	42	96.0	10/19/72	59.4	36.6	5001
											11/20/72	56.0	40.0		
											12/21/72	55.4	40.6		
											1/16/73	55.7	40.3		
								07N/34W-26O04	5		91.0	5/24/73	NM-1		5001
								07N/34W-26O05	5	42	91.0	5/24/73	52.7	38.3	5001
											6/21/73	48.2	42.8		
											7/18/73	48.1	42.9		
											8/30/73	50.5	40.5		
											9/26/73	51.3	39.7		
								07N/34W-27F04	5		96.8	5/28/73	NM-1		5001
											6/21/73	NM-1		5000	
											7/18/73	NM-1		5001	
								07N/34W-27L01	5	42	97.0	10/19/72	65.4	31.6	5001
											11/19/72	64.4	32.6		
											12/18/72	61.4	35.6		
											1/12/73	63.4	33.6		
											6/01/73	54.4	42.6		
											8/29/73	67.4(1)	29.6		

See page 79 for key to terms & abbreviations





TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA YNEZ HYDRO UNIT SANTA RITA HYDRO SUBUNIT							T-14 T-14.8	SANTA YNF2 HYDRO UNIT SANTA YNF7 HYDRO SUBUNIT							T-14 T-14.0
06N/33W-09P01 S (CONTINUED)			203.0	2/22/73 3/23/73 4/24/73 5/24/73 6/25/73 7/24/73 8/28/73 9/26/73	37.8 35.7 36.7 37.0 36.6 37.1 37.3 36.4	165.2 167.3 166.3 166.0 166.4 165.9 165.7 166.6	5000	06N/30W-06A01 S			665.2	10/25/72 11/28/72 12/26/72 1/24/73 2/22/73 3/27/73 4/24/73 5/24/73 6/25/73 7/24/73 8/27/73 9/26/73	125.7 122.3 120.1 118.3 116.5 114.3 117.1 119.7 122.2 118.1 123.0 124.2	539.5 542.9 545.1 546.9 548.7 550.9 548.1 545.5 543.0 547.1 542.2 541.0	5000
06N/33W-10M01 S 42			200.0	9/25/73	40.3	159.7	5001								
06N/33W-11M01 S 42			203.8	1/16/73 2/20/73 3/24/73 4/11/73 5/23/73 6/20/73 7/17/73 8/29/73 9/25/73	12.6 6.7 6.4 6.5 9.6 NM-1 NM-1 10.5 10.8	191.2 197.1 197.4 197.3 194.2 5001 5001 193.3 193.0	5000	06N/30W-07G05 S 42			600.0	4/19/73	51.2	548.8	5000
06N/33W-12L01 S			223.6	1/16/73	NM-9		5001	06N/30W-07G06 S 42			600.0	4/19/73	51.6	548.4	5000
06N/33W-14O01 S			229.2	9/25/73	NM-0		5001	06N/30W-09N01 S			660.0	4/19/73	41.0	619.0	5000
06N/34W-01G02 S			116.7	1/16/73	NM-9		5001	06N/30W-11K01 S			652.0	3/18/73	7.5	644.5	5000
06N/34W-01K01 S			122.1	1/16/73	NM-9		5001	06N/30W-19O02 S			456.3	5/22/73	NM-1		5000
06N/34W-01R01 S			140.3	1/16/73	NM-9		5001	06N/30W-20M01 S			476.3	10/16/72 12/19/72 5/21/73 9/24/73	NM-1 NM-1 NM-1 NM-1		5001
07N/32W-18C02 S			850.0	4/24/73	53.1	796.9	5000	06N/30W-20H05 S			476.0	5/21/73	NM-1		5000
07N/32W-31M01 S			450.0	4/24/73	98.7(1)	351.3	5000	06N/30W-21R02 S			498.7	1/15/73 2/19/73 3/22/73 5/21/73 6/19/73 7/16/73 8/27/73 9/24/73	10.3 9.3 7.3 NM-1 NM-1 9.8 NM-1 NM-1	488.4 489.4 491.4 5001 5001 488.9 5001 5001	5000
07N/33W-21C01 S			453.0	4/25/73	NM-1		5000	06N/30W-29E01 S			465.0	1/15/73 2/19/73 3/22/73 5/21/73 6/19/73 7/16/73 8/27/73 9/24/73	25.0 15.6 14.2 16.1 15.8 16.2 20.3 22.1	440.0 449.4 450.8 448.9 449.2 448.8 444.7 442.9	5000
07N/33W-21N01 S			360.0	4/25/73	282.4	77.6	5000	06N/31W-01P02 S 42			620.0	4/19/73	51.0	569.0	5000
07N/33W-27J01 S			458.2	4/25/73	20.4	437.8	5000	06N/31W-01P03 S 42			640.0	4/19/73	80.1	559.9	5000
07N/33W-36J01 S			495.0	4/25/73	143.7	351.3	5000	06N/31W-02K01 S 42			627.0	4/19/73	49.3(2)	577.7	5000
07N/33W-36J02 S 42			478.0	4/24/73	65.5	412.5	5000	06N/31W-11D04 S			558.5	4/20/73	41.1	517.4	5000
07N/33W-36J03 S 42			490.0	4/24/73	136.2(1)	353.8	5000	06N/31W-13D01 S			608.0	4/20/73	119.7(1)	488.3	5000
BUFLTON HYDRO SUBUNIT							T-14.C	06N/31W-24F01 S			429.0	9/24/73	NM-1		5001
06N/31W-03A01 S			760.0	4/20/73	150.7	609.3	5000	07N/29W-28D01 S			1130.0	4/17/73	12.2	1117.8	5000
06N/31W-04A01 S			615.0	4/20/73	82.8	532.2	5000	07N/29W-29P02 S 42			1050.0	4/17/73	30.9(2)	1019.1	5000
06N/31W-06F01 S			425.0	4/24/73	87.8	337.2	5000	07N/30W-16R01 S			1077.0	4/18/73	NM-1		5000
06N/31W-10F01 S 42			540.0	4/20/73	66.6	473.4	5000	07N/30W-19H01 S			1120.0	4/18/73	190.1	929.9	5000
06N/31W-16N02 S 42			366.2	4/24/73	13.9	352.3	5000	07N/30W-19P01 S			920.0	4/19/73	82.5	837.5	5000
06N/31W-17D01 S			340.8	5/22/73 7/16/73	NM-1 NM-1		5001	07N/30W-22F01 S 42			920.0	3/18/73	6.9	913.1	5000
06N/31W-17F01 S 42			362.9	4/24/73	28.2	334.7	5000	07N/30W-24D01 S 42			1190.0	4/18/73	51.9	1138.1	5000
06N/31W-17P01 S			364.8	7/16/73	NM-1		5001	07N/30W-27H01 S 42			852.0	4/20/73	4.7	847.3	5000
06N/31W-18G01 S			334.7	8/28/73	NM-1		5001	07N/30W-27D01 S 42			789.0	3/18/73	21.6	767.4	5000
06N/31W-18H02 S			345.0	9/24/73	NM-1		5000	07N/30W-29D01 S			910.0	4/18/73	NM-1		5000
06N/32W-02O01 S			359.4	4/24/73	58.2	301.2	5000	07N/30W-29N02 S			820.3	4/18/73	NM-1		5000
06N/32W-09A02 S 42			308.0	4/24/73	35.6	272.4	5000	07N/30W-30M01 S			795.0	4/18/73	154.8	640.2	5000
06N/32W-11L02 S			299.9	6/20/73 8/28/73	NM-1 NM-1		5000	07N/30W-33M02 S			746.3	4/18/73	NM-1		5000
06N/32W-12J11 S 42			351.8	4/25/73	33.8	318.0	5000	07N/31W-22A03 S 42			865.0	4/19/73	44.3	820.7	5000
07N/32W-07R01 S			1030.0	4/24/73	39.2	990.8	5000	07N/31W-23P01 S 42			821.8	10/25/72 11/27/72 12/26/72 1/24/73 2/22/73 3/27/73 4/24/73 5/24/73 6/25/73 7/24/73 8/28/73 9/26/73	48.2 48.9 49.1 50.9 48.3 46.4 46.5 47.2 48.2 48.9 49.1 49.0	773.6 772.9 772.7 770.9 773.5 775.4 775.3 774.6 773.6 772.9 772.7 772.8	5000
SANTA YNEZ HYDRO SUBUNIT							T-14.0	07N/31W-25L01 S			806.0	4/19/73	118.9	687.1	5000
06N/29W-05A01 S			1190.0	4/17/73	7.6	1182.4	5000								
06N/29W-06F01 S			840.0	4/17/73	12.4	827.6	5000								
06N/29W-06G01 S			875.0	4/17/73	46.4	828.6	5000								
06N/29W-07L01 S 42			868.0	4/17/73	209.9	658.1	5000								
06N/29W-08P01 S 42			910.0	4/17/73	227.6	682.4	5000								
06N/29W-08P02 S 42			910.0	4/17/73	228.0	682.0	5000								
06N/30W-01R03 S 42			760.0	4/17/73	24.4	735.6	5000								
06N/30W-02M01 S			695.0	4/20/73	NM-1		5000								
06N/30W-03A01 S			720.0	6/24/73 8/28/73	NM-1 NM-1		5000								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA YNEZ HYDRO UNIT SANTA YNEZ HYDRO SUBUNIT							T-14 T-14.0	SANTA BARBARA HYDRO UNIT ARGUELLO HYDRO SURUNIT							T-15 T-15.A
07N/31W-26P01	5		743.0	4/19/73	15.3	727.7	5000	04N/30W-01G01	S	42	180.0	11/07/72	105.5	74.5	5000
07N/31W-36L02	5	42	720.6	4/19/73	85.3	635.3	5000					12/27/72	100.1	79.9	
08N/30W-30F01	5		1380.0	4/24/73	21.8	1358.2	5000					1/29/73	98.1	81.9	
08N/31W-25Q01	5		1220.0	4/24/73	38.8	1181.2	5000					2/21/73	97.3	82.7	
HEADWATER HYDRO SUBUNIT							T-14.E					3/26/73	96.2	83.8	
06N/29W-09J01	5	42	803.0	4/17/73	12.1	790.9	5000					4/24/73	95.7	84.3	
07N/29W-29R01	5	42	1050.0	4/17/73	32.7(2)	1017.3	5000					5/25/73	101.4	78.6	
								05N/29W-31C01	S	42	400.0	4/09/73	44.9	355.1	5000
								05N/30W-19E01	5		330.0	4/09/73	9.7	320.3	5000
								05N/30W-28R01	S	42	350.0	4/09/73	37.7	312.3	5000
								05N/30W-30N02	S	42	85.0	4/09/73	13.0	72.0	5000
								05N/31W-26G01	5		170.0	4/11/73	NM-4		5000
								05N/31W-35R01	S	42	80.0	4/11/73	6.9	73.1	5000
								05N/32W-35F01	S	42	118.0	4/11/73	108.3(1)	9.7	5000
								06N/35W-31M01	S		74.0	4/17/73	59.2	14.8	5000
								06N/36W-26C01	S		170.0	4/17/73	83.2	86.8	5000
								06N/36W-26F01	S		150.0	4/17/73	88.8	61.2	5000
								06N/36W-26G01	S		330.0	4/17/73	100.1	229.9	5000
								07N/35W-31J01	S	42	160.0	4/17/73	51.8	108.2	5000
								07N/35W-31M02	S	42	200.0	4/17/73	8.4	191.6	5000
								07N/35W-32N01	S	42	175.0	4/17/73	5.4	169.6	5000
								SOUTH COAST HYDRO SURUNIT GOLF TA HYDRO SUBAREA							T-15.C T-15.C1
								04N/27W-07M06	S	42	195.0	10/02/72	95.2	99.8	5000
												11/02/72	95.7	99.3	
												12/04/72	95.0	100.0	
												1/04/73	95.4	99.6	
												2/05/73	95.7	99.3	
												3/05/73	95.0	100.0	
												4/05/73	95.4	99.6	
												5/02/73	95.5	99.5	
												6/05/73	95.3	99.7	
												7/03/73	94.9	100.1	
												8/02/73	94.6	100.4	
												9/04/73	94.4	100.6	
								04N/28W-02G01	S	42	410.0	10/02/72	47.6	362.4	5000
												11/02/72	44.0	366.0	
												12/04/72	44.7	365.3	
												1/04/73	44.5	365.5	
												2/05/73	44.7	365.3	
												3/05/73	42.2	367.8	
												4/05/73	43.9	366.1	
												5/02/73	43.6	366.4	
												6/05/73	45.6	364.4	
												7/03/73	45.6	364.4	
												8/02/73	48.4	361.6	
												9/04/73	47.6	362.4	
								04N/28W-03M03	S	42	118.4	10/02/72	76.8	41.6	5000
												11/02/72	77.1	41.3	
												12/05/72	77.0	41.4	
												1/04/73	77.2	41.2	
												2/05/73	77.2	41.2	
												3/05/73	77.1	41.3	
												4/05/73	55.8	62.6	
												5/02/73	76.7	41.7	
												6/05/73	76.4	42.0	
												7/03/73	77.4	41.0	
												8/02/73	77.2	41.2	
												9/04/73	77.1	41.3	
								04N/28W-03P05	S	42	120.0	10/02/72	50.5	69.5	5000
												11/02/72	51.3	68.7	
												12/05/72	52.0	68.0	
												1/04/73	51.5	68.5	
												2/05/73	51.5	68.5	
												3/05/73	51.3	68.7	
												4/05/73	50.8	69.2	
												5/02/73	50.9	69.1	
												6/05/73	49.4	70.6	
												7/03/73	49.3	70.7	
												8/02/73	49.6	70.4	
												9/04/73	48.4	71.6	
								04N/28W-03R07	5	42	128.0	10/02/72	82.2	45.8	5000
												11/02/72	82.6	45.4	
												12/04/72	82.4	45.6	
												1/04/73	82.6	45.4	
												2/05/73	82.7	45.3	
												3/05/73	82.2	45.8	

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA BARBARA HYDRO UNIT SOUTH COAST HYDRO SUBUNIT GOLETA HYDRO SUBAREA								SANTA BARBARA HYDRO UNIT SOUTH COAST HYDRO SUBUNIT GOLETA HYDRO SUBAREA							
								T-15 T-15.C T-15.C1							
04N/28W-03R07 5 42			128.0	4/05/73	81.5	46.5	5000	04N/28W-09H01 5 42			75.0	11/02/72	90.7	-15.7	5000
(CONTINUED)				5/02/73	81.2	46.8		(CONTINUED)				12/05/72	88.7	-13.7	
				6/05/73	80.2	47.8						1/05/73	88.7	-13.7	
				7/03/73	79.7	48.3						2/06/73	88.7	-13.7	
				8/02/73	80.0	48.0						3/06/73	87.7	-12.7	
				9/04/73	79.5	48.5						4/06/73	83.7	-8.7	
												5/03/73	88.7	-13.7	
04N/28W-04R04 5 42			96.0	10/04/72	105.5	-9.5	5000					6/05/73	88.7	-13.7	
				11/02/72	101.5	-5.5						7/05/73	80.7	-5.7	
				3/06/73	105.5	-9.5						8/03/73	61.7(4)	13.3	
				4/05/73	NM-0							9/04/73	79.7	-4.7	
04N/28W-05R01 5 42			62.0	10/04/72	17.9	44.1	5000	04N/28W-09K02 5 42			50.0	10/04/72	73.5	-23.5	5000
				11/03/72	18.2	43.8						11/02/72	86.5	-36.5	
				12/05/72	17.7	44.3						12/05/72	88.5	-38.5	
				1/04/73	17.2	44.8						1/05/73	89.5	-39.5	
				2/05/73	16.7	45.3						2/06/73	90.5	-40.5	
				3/06/73	15.4	46.6						3/06/73	87.5	-37.5	
				4/06/73	14.0	48.0						4/06/73	56.5	-6.5	
				5/03/73	13.4	48.6						5/03/73	72.5	-22.5	
				6/06/73	13.8	48.2						6/06/73	85.5	-35.5	
				7/05/73	14.0	48.0						7/05/73	70.5	-20.5	
				8/03/73	14.9	47.1						8/03/73	70.5	-20.5	
				9/04/73	15.0	47.0						9/04/73	70.5	-20.5	
04N/28W-08K08 5			25.0	10/04/72	51.0(1)	-26.0	5000	04N/28W-09K06 5 42			42.0	10/04/72	67.3	-25.3	5000
				11/03/72	51.0(1)	-26.0						11/03/72	67.9	-25.9	
				12/05/72	48.0(1)	-23.0						12/05/72	66.8	-24.8	
				1/04/73	53.0(1)	-28.0						1/05/73	67.4	-25.4	
				2/05/73	49.0(1)	-24.0						2/06/73	67.0	-25.0	
				3/06/73	48.0(1)	-23.0						3/06/73	66.5	-24.5	
				4/06/73	15.0	10.0						4/06/73	65.6	-23.6	
				5/03/73	49.0(1)	-24.0						5/03/73	65.4	-23.4	
				6/06/73	58.0(1)	-33.0						6/06/73	65.7	-23.7	
				7/05/73	47.0(1)	-22.0						7/05/73	66.9	-24.9	
				8/03/73	48.0(1)	-23.0						8/03/73	67.9	-25.9	
												9/05/73	68.2	-26.2	
04N/28W-08N03 5 42			28.0	10/04/72	15.2	12.8	5000	04N/28W-10F03 5 42			90.6	10/04/72	147.1(1)	-56.5	5000
				11/03/72	15.7	12.3						11/02/72	149.1(1)	-58.5	
				12/05/72	14.2	13.8						12/05/72	147.1(1)	-56.5	
				1/04/73	13.7	14.3						1/04/73	147.1(1)	-56.5	
				2/06/73	12.9	15.1						2/05/73	148.1(1)	-57.5	
				3/06/73	11.7	16.3						3/05/73	111.1	-20.5	
				4/06/73	11.1	16.9						4/07/73	107.1	-16.5	
				5/03/73	10.9	17.1						5/02/73	112.1	-21.5	
				6/06/73	11.9	16.1						6/05/73	143.1	-52.5	
				7/05/73	12.6	15.4						7/05/73	144.1	-53.5	
				8/03/73	13.5	14.5						8/02/73	108.1	-17.5	
				9/05/73	13.9	14.1						9/04/73	105.1	-14.5	
04N/28W-08P02 5 42			20.0	10/04/72	16.2	3.8	5000	04N/28W-10N08 5			65.0	6/06/73	NM-6		5000
				11/03/72	17.4	2.6									
				12/05/72	14.3	5.7									
				1/04/73	13.8	6.2									
				2/06/73	13.3	6.7									
				3/06/73	12.0	8.0									
				4/06/73	11.4	8.6									
				5/03/73	11.2	8.8									
				6/06/73	12.6	7.4									
				7/05/73	14.4	5.6									
				8/03/73	15.8	4.2									
				9/05/73	14.5	5.5									
04N/28W-08P03 5 42			25.0	10/04/72	32.7	-7.7	5000	04N/28W-10N08 5			70.0	11/03/72	116.1	-46.1	5000
				11/03/72	33.0	-8.0						12/05/72	115.9	-45.9	
				12/05/72	32.7	-7.7						1/04/73	115.8	-45.8	
				1/04/73	33.5	-8.5						2/06/73	115.1	-45.1	
				2/06/73	33.4	-8.4						3/06/73	112.8	-42.8	
				3/06/73	33.2	-8.2						4/05/73	109.4	-39.4	
				4/06/73	32.6	-7.6						5/03/73	109.7	-39.7	
				5/03/73	32.4	-7.4						6/06/73	107.0	-37.0	
				6/06/73	32.4	-7.4						8/03/73	109.8	-39.8	
				7/05/73	32.9	-7.9						9/05/73	111.8	-41.8	
				8/03/73	33.7	-8.7									
				9/05/73	34.5	-9.5									
04N/28W-09G02 5 42			64.0	10/04/72	61.3	2.7	5000	04N/28W-10N08 5			65.0	6/06/73	NM-6		5000
				11/02/72	62.8	1.2									
				12/05/72	62.1	1.9									
				1/04/73	62.3	1.7									
				2/05/73	62.9	1.1									
				3/06/73	62.5	1.5									
				4/06/73	60.3	3.7									
				5/03/73	59.3	4.7									
				6/05/73	59.9	4.1									
				7/05/73	60.5	3.5									
				8/03/73	61.8	2.2									
				9/04/73	60.7	3.3									
04N/28W-09G03 5 42			60.1	10/04/72	52.2	7.9	5000	04N/28W-10N08 5			70.0	11/03/72	116.1	-46.1	5000
				11/02/72	53.0	7.1						12/05/72	115.9	-45.9	
				12/05/72	52.6	7.5						1/04/73	115.8	-45.8	
				1/04/73	52.6	7.5						2/06/73	115.1	-45.1	
				2/05/73	52.9	7.2						3/06/73	112.8	-42.8	
				3/06/73	52.1	8.0						4/05/73	109.4	-39.4	
				4/06/73	51.4	8.7						5/03/73	109.7	-39.7	
				5/02/73	52.0	8.1						6/06/73	107.0	-37.0	
				6/05/73	51.0	9.1						8/03/73	109.8	-39.8	
				7/03/73	51.1	9.0						9/05/73	111.8	-41.8	
				8/03/73	52.0	8.1									
				9/04/73	51.6	8.5									
04N/28W-09H03 5 42			75.0	10/04/72	89.7	-14.7	5000	04N/28W-11F01 5 42			133.4	10/02/72	155.8	-22.4	5000





TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA BARBARA HYDRO UNIT SOUTH COAST HYDRO SUBUNIT MONTECITO HYDRO SUBAREA							T-15 T-15.C T-15.C3								
04N/26W-16N01	S	42	100.0	4/12/73	40.8	59.2	5000								
04N/26W-17N01	S	42	75.0	4/12/73	71.9	3.1	5000								
CARRIZONIA HYDRO SUBAREA							T-15.C4								
04N/25W-19F04	S	42	106.0	4/27/73	66.9	39.1	5000								
04N/25W-19J05	S	42	55.0	4/13/73	28.9	26.1	5000								
04N/25W-20L04	S	42	111.0	11/06/72	98.1	12.9	5000								
				12/26/72	91.2	19.8									
				1/24/73	89.2	21.8									
				2/23/73	85.6	25.4									
				3/28/73	80.7	30.3									
				4/27/73	81.9	29.1									
				5/25/73	81.7	29.3									
				6/26/73	86.2	24.8									
				7/30/73	91.0	20.0									
				8/29/73	101.9(4)	9.1									
				9/26/73	96.1	14.9									
04N/25W-21R01	S	42	127.0	4/13/73	54.3	72.7	5000								
04N/25W-25L01	S	42	227.0	4/13/73	12.0(2)	215.0	5000								
04N/25W-26A01	S	42	420.0	4/13/73	195.7	224.3	5000								
04N/25W-26C02	S	42	432.0	4/14/73	192.5(4)	239.5	5000								
04N/25W-27Q02	S		127.0	4/13/73	94.6	32.4	5000								
04N/25W-27R02	S		132.0	11/06/72	101.1	30.9	5000								
				12/26/72	92.7	39.3									
				1/24/73	91.0	41.0									
				2/23/73	88.3	43.7									
				3/29/73	85.2	46.8									
				4/27/73	83.8	48.2									
				5/25/73	82.5	49.5									
				7/30/73	82.8	49.2									
				8/29/73	81.9	50.1									
				9/26/73	83.3	48.7									
04N/25W-28J01	S	42	89.0	11/06/72	59.9	29.1	5000								
				12/26/72	52.1	36.9									
				1/24/73	51.2	37.8									
				2/23/73	48.6	40.4									
				3/28/73	44.9	44.1									
				4/27/73	44.0	45.0									
				5/25/73	64.3(1)	24.7									
				6/26/73	48.4	40.6									
				7/30/73	51.0	38.0									
				8/29/73	49.0	40.0									
				9/26/73	49.8	39.2									
04N/25W-28M01	S	42	57.0	4/13/73	10.7	46.3	5000								
04N/25W-29O01	S	42	17.0	11/06/72	3.2	13.8	5000								
				12/26/72	1.6	15.4									
				7/30/73	1.7	15.3									
				8/29/73	7.4	9.6									
				9/26/73	7.5	9.5									
04N/25W-29L01	S		18.0	4/13/73	FLOW		5000								
04N/25W-29R01	S	42	32.0	4/13/73	19.5	12.5	5000								
04N/25W-30O01	S		7.4	4/14/73	FLOW		5000								
04N/25W-35A03	S	42	147.0	4/13/73	21.9	125.1	5000								
04N/26W-23A02	S	42	63.0	4/13/73	43.9	19.1	5000								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LOS ANGELES DRAINAGE PROVINCE VENTURA RIVER HYDRO UNIT UPPER VENTURA RIVER HYDRO SUBUNIT								VENTURA RIVER HYDRO UNIT UPPER VENTURA RIVER HYDRO SUBUNIT							
U U-02 U-02-B								U-02 U-02-B							
03N/23W-05R01	S	56	291.9	10/04/72	41.6	250.3	5121	04N/23W-18G01	S	56	673.1	6/06/73	27.8	645.3	5121
				12/05/72	35.4	256.5		(CONTINUED)				7/31/73	26.6	646.5	
				2/21/73	16.9	275.0						9/26/73	26.0	645.1	
				4/11/73	22.7	269.2		04N/23W-20A01	S	56	488.5	10/04/72	27.6	460.9	5121
				6/06/73	17.6	274.3						12/05/72	26.0	462.5	
				7/31/73	22.1	269.8						2/21/73	6.4	462.1	
				9/26/73	27.1	264.8						4/11/73	7.3	461.2	
03N/23W-06K01	S	56	298.8	10/04/72	17.5	281.3	5121					6/06/73	7.4	481.1	
				12/05/72	16.7	282.1						7/31/73	9.5	479.0	
				2/21/73	10.5	286.3						9/26/73	14.8	473.7	
				4/11/73	7.6	291.2		04N/23W-20J02	S	56	456.1	10/03/72	40.6	415.5	5121
				6/06/73	12.5	286.3						12/05/72	29.9	426.2	
				7/31/73	21.7	277.1						2/21/73	13.6	442.5	
				9/26/73	29.4	269.4						4/11/73	16.5	439.6	
03N/23W-08P02	S	56	246.2	10/04/72	28.9	217.3	5121					6/06/73	16.5	439.6	
				12/05/72	16.2	230.0						8/02/73	18.1	438.0	
				2/23/73	12.3	233.9		04N/23W-20002	S	56	425.6	10/05/72	27.6	398.0	5121
				4/11/73	12.1	234.1						12/05/72	17.4	408.2	
				6/06/73	12.7	233.5						2/21/73	2.0	423.6	
				7/31/73	12.5	233.7						4/11/73	4.0	421.6	
03N/23W-08R07	S	56	239.6	10/04/72	29.5	210.1	5121					6/06/73	5.0	420.6	
				12/05/72	16.3	223.3		04N/23W-22R01	S	56	498.5	10/05/72	15.6	482.9	5121
				2/21/73	14.6	225.0						12/06/72	15.5	483.0	
				4/11/73	13.4	226.2						2/22/73	12.8	485.7	
				6/06/73	13.4	226.2						4/11/73	14.1	484.4	
				7/31/73	13.4	226.2						6/06/73	14.0	484.5	
				9/26/73	15.9	223.7						8/01/73	14.6	483.4	
04N/23W-02K01	S	56	869.5	12/06/72	5.0	864.5	5121					9/26/73	14.4	483.7	
				6/07/73	0.1	869.4		04N/23W-28G01	S	56	402.2	10/05/72	24.6	377.6	5121
				8/02/73	1.6	867.9						12/06/72	14.8	387.4	
				9/27/73	2.7	866.8						2/22/73	9.3	392.4	
04N/23W-03M01	S	56	759.4	10/04/72	101.8	657.6	5121					4/11/73	10.6	391.4	
				12/06/72	96.9	662.5						6/06/73	7.8	394.4	
				2/21/73	87.1	677.3		04N/23W-29F02	S	56	394.1	10/04/72	51.7	342.4	5121
				4/11/73	83.7	675.7						12/05/72	37.1	357.0	
				6/06/73	86.4	673.0						2/21/73	8.5	385.4	
				7/31/73	88.0	671.4						4/11/73	12.5	381.4	
				9/26/73	95.2	664.2						6/06/73	12.5	381.4	
04N/23W-04G01	S		726.5	10/04/72	25.6	700.9	5121					7/31/73	15.0	379.1	
				12/06/72	20.8	705.7						9/26/73	19.8	374.3	
				2/21/73	20.4	706.1		04N/23W-29L01	S	56	372.0	10/04/72	41.4	330.6	5121
				4/11/73	12.5	714.0						12/05/72	28.5	343.5	
				6/06/73	15.2	711.3						2/21/73	5.1	366.4	
				7/31/73	17.5	709.0						4/11/73	7.1	364.4	
				9/26/73	23.4	703.1						6/06/73	7.1	364.4	
04N/23W-09R01	S	56	658.1	10/04/72	57.9	600.2	5121					7/31/73	8.4	363.6	
				12/06/72	45.2	612.9						9/26/73	11.2	360.8	
				2/21/73	9.9	648.2		04N/24W-13J04	S	56	625.8	10/04/72	12.7	613.1	5121
				4/11/73	18.7	639.4						12/05/72	6.4	619.4	
				6/12/73	17.9	640.2						2/21/73	5.4	620.4	
				8/02/73	23.2	634.9						4/11/73	5.6	620.2	
				9/26/73	34.9	623.2						6/06/73	5.9	619.4	
04N/23W-11D01	S	56	780.9	10/05/72	45.5	735.4	5121					7/31/73	6.4	614.4	
				12/06/72	44.9	736.0						9/26/73	6.4	619.4	
				2/22/73	39.6	741.3		04N/24W-13N01	S	56	640.4	10/04/72	2.0	636.4	5121
				4/12/73	37.6	743.3						12/05/72	1.0	639.4	
				6/06/73	39.8	741.1						6/06/73	-1.3	641.7	
				7/31/73	40.3	740.6						7/31/73	-0.3	640.7	
				9/26/73	40.4	740.5						9/26/73	-0.2	640.6	
04N/23W-15A02	S	56	679.9	10/05/72	111.1	568.8	5121					10/05/72	7.6	609.2	5121
				12/06/72	109.6	570.3		05N/23W-33R03	S	56	816.8	10/05/72	7.6	809.2	5121
				2/22/73	108.3	571.6						4/11/73	2.2	814.6	
				4/11/73	106.4	571.5						6/06/73	NM-1		
				6/06/73	110.0	569.9		05N/23W-33G01	S	56	806.4	10/13/72	5.3	801.1	5121
				8/06/73	NM-1							12/06/72	3.4	803.0	
04N/23W-15O01	S	56	634.3	10/04/72	134.1	500.2	5121					2/21/73	3.3	803.1	
				2/21/73	118.9	515.4						4/11/73	3.8	802.4	
				4/11/73	99.3	535.0						6/06/73	4.3	802.1	
				6/12/73	NM-1							7/31/73	4.5	801.4	
				6/06/73	NM-1							9/26/73	4.9	801.5	
04N/23W-16C04	S	56	557.3	10/04/72	61.0	496.3	5121	OJAI HYDRO SURUNIT UPPER OJAI HYDRO SURAREA							
				12/05/72	76.4	480.9		04N/22W-09O02	S	56	1278.8	10/03/72	22.5	1256.1	5121
				2/21/73	18.9	538.4						2/22/73	12.1	1266.7	
				4/11/73	20.2	537.1						4/12/73	11.9	1266.9	
				6/06/73	22.3	535.0						6/07/73	15.2	1263.6	
				7/31/73	25.7	531.6						8/01/73	17.3	1261.5	
				9/26/73	31.5	525.8						9/27/73	18.7	1260.1	
04N/23W-16P01	S	56	619.1	10/04/72	74.3	544.8	5121	04N/22W-10K02	S	56	1324.9	10/03/72	21.5	1303.4	5121
				12/05/72	74.2	544.9						12/06/72	20.9	1304.0	
				2/21/73	74.1	545.0						2/22/73	15.0	1309.9	
				4/11/73	72.9	546.2						4/12/73	16.4	1308.5	
				6/06/73	71.9	547.2						6/07/73	25.0	1299.9	
				7/31/73	72.2	546.9						8/01/73	19.7	1305.2	
				9/26/73	72.1	547.0						9/27/73	19.8	1305.1	
04N/23W-18G01	S		673.1	10/04/72	31.7	641.4	5121	04N/22W-11P02	S	56	1418.9	10/03/72	20.3	1398.6	5121
				12/05/72	30.2	642.9									
				2/21/73	25.2	647.9									
				4/11/73	24.2	648.9									

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
VENTURA RIVER HYDRO UNIT OJAI HYDRO SUBUNIT UPPER OJAI HYDRO SUBAREA								VENTURA RIVER HYDRO UNIT OJAI HYDRO SUBUNIT OJAI HYDRO SUBAREA							
								U-02 U-02.C U-02.C1							
04N/22W-11R02 5	56		1418.9	12/06/72	14.8	1404.1	5121	04N/23W-01K02 5	56		786.4	6/07/73	8.0	778.4	5121
(CONTINUED)				2/22/73	4.8	1414.1		(CONTINUED)				8/02/73	9.2	777.2	
				4/12/73	6.4	1412.5						9/27/73	11.0	775.4	
				6/07/73	9.6	1409.3									
				8/01/73	9.4	1409.5		04N/23W-12R01 5	56		741.9	12/06/72	16.9	725.0	5121
				9/27/73	11.8	1407.1		(CONTINUED)				2/23/73	12.1	724.8	
												8/02/73	NM-7		
04N/22W-17G01 5	56		1246.9	10/03/72	52.9	1194.0	5121	04N/23W-14A01 5	56		619.3	10/05/72	15.2	604.1	5121
				12/06/72	50.1	1196.8		(CONTINUED)				12/06/72	15.9	603.4	
				2/22/73	48.4	1198.5						2/22/73	13.6	605.7	
				4/12/73	39.5	1207.4						4/11/73	14.2	605.1	
				6/07/73	78.6	1208.3						6/06/73	14.3	605.0	
				8/01/73	52.3	1194.6						7/31/73	14.8	604.5	
				9/27/73	76.9	1170.0						9/26/73	14.9	604.4	
OJAI HYDRO SUBAREA								U-02.C2							
04N/22W-03F02 5	56		1211.4	12/06/72	142.8	1068.6	5121	04N/23W-14M03 5	56		540.2	10/05/72	15.1	525.1	5121
				2/22/73	117.8	1093.6		(CONTINUED)				12/06/72	14.6	525.6	
				4/12/73	112.3	1099.1						2/22/73	10.3	529.9	
				6/07/73	126.0	1085.4						4/11/73	11.9	528.3	
				8/01/73	143.5	1067.9						6/06/73	11.9	528.3	
				9/27/73	145.5	1065.9						8/01/73	12.7	527.5	
												9/26/73	13.0	527.2	
04N/22W-05D03 5	56		895.5	12/06/72	172.3	723.2	5121	05N/22W-32J01 5	56		1162.6	12/06/72	40.0	1122.6	5121
				2/23/73	101.7	793.8		(CONTINUED)				2/23/73	34.1	1128.5	
				4/12/73	70.7	824.8						4/12/73	36.1	1126.5	
				6/07/73	87.1	808.4						6/07/73	36.9	1125.7	
				8/01/73	107.5	788.0						8/01/73	37.1	1125.5	
				9/27/73	124.4	771.1						9/27/73	37.8	1124.4	
04N/22W-05H04 5	56		949.3	2/23/73	205.3	744.0	5121								
				4/12/73	115.7	833.6									
				6/12/73	134.4	814.9									
				8/06/73	150.8	798.5									
04N/22W-05M01 5	56		842.4	12/06/72	118.3	724.1	5121								
				2/23/73	66.3	776.1									
				4/12/73	25.2	817.2									
				6/07/73	45.7	796.7									
				8/02/73	59.4	783.0									
				9/27/73	76.2	766.2									
04N/22W-06D01 5	56		844.7	12/06/72	104.1	740.6	5121								
				2/23/73	45.8	778.9									
				4/12/73	16.3	828.4									
				6/07/73	25.2	819.5									
				8/02/73	49.1	795.6									
				9/27/73	59.6	785.1									
04N/22W-06K03 5	56		801.1	12/06/72	100.0	701.1	5121								
				2/23/73	27.8	773.3									
				6/07/73	24.3	776.8									
				8/02/73	47.3	753.8									
				9/27/73	58.6	742.5									
04N/22W-06M01 5	56		794.4	12/06/72	74.4	720.0	5121								
				2/23/73	29.6	764.8									
				6/07/73	6.8	787.6									
				8/02/73	23.1	771.3									
				9/27/73	34.5	759.9									
04N/22W-07A01 5	56		796.9	10/05/72	114.8	682.1	5121								
				4/12/73	14.1	782.8									
04N/22W-07R02 5	56		772.6	10/05/72	69.7	702.9	5121								
				12/06/72	52.2	720.4									
				2/22/73	20.7	751.9									
				6/06/73	4.6	768.0									
				8/01/73	20.9	751.7									
				9/27/73	20.2	752.4									
04N/22W-07R05 5	56		786.0	10/05/72	70.4	715.6	5121								
				12/06/72	62.0	724.0									
				2/22/73	40.6	745.4									
				4/12/73	10.1	775.9									
				8/01/73	24.0	762.0									
				9/27/73	27.5	758.5									
04N/22W-07C05 5	56		763.4	10/05/72	66.7	696.7	5121								
				12/06/72	44.5	718.9									
				2/22/73	13.7	749.7									
				8/01/73	17.3	746.1									
				9/27/73	16.5	746.9									
04N/22W-07G01 5	56		769.0	10/05/72	45.2	723.8	5121								
				12/06/72	39.7	729.3									
				2/22/73	22.6	746.4									
				4/12/73	-0.7	769.7									
				6/06/73	7.2	761.8									
				8/01/73	12.0	757.0									
				9/27/73	17.0	752.0									
04N/22W-08R02 5	56		868.7	2/22/73	104.9	763.8	5121								
				4/12/73	46.3	822.4									
				6/07/73	67.0	801.7									
				8/01/73	77.6	791.1									
				9/27/73	88.4	780.3									
04N/23W-01K02 5	56		786.4	12/06/72	24.0	762.4	5121								
				2/23/73	17.9	768.5									
				4/12/73	10.5	775.9									

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA CLARA-CALLIGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA							U-03 U-03.A U-03.A1	SANTA CLARA-CALLIGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA							U-03 U-03.A U-03.A1
01N/21W-07H01 S 56			39.6	12/11/72 2/26/73 4/03/73 5/31/73 8/15/73	52.3 34.5 35.0 58.7 NM-1	-12.7 5.1 4.6 -19.1	5121	01N/22W-03F01 S 56			55.7	1/09/73 (CONTINUED) 8/01/73	84.6(1) 62.6	-28.9 -6.9	4209
01N/21W-19A01 S 56			21.8	11/27/72 12/27/72 3/28/73 5/31/73 6/26/73 7/31/73 8/30/73 9/26/73	36.4 37.2 21.6 48.9 37.3 44.4 54.3 55.9	-14.6 -15.4 0.2 -27.1 -15.5 -22.6 -32.5 -34.1	5411	01N/22W-04F04 S 56			47.1	10/12/72	89.6(1)	-42.5	4209
01N/21W-20N01 S 56			18.0	12/12/72 2/27/73 4/02/73 30/73 8/09/73 9/25/73	28.1 21.1 17.5 31.1 32.7 38.0	-10.1 -3.1 0.5 -13.1 -14.7 -20.0	5121	01N/22W-05G02 S 56			25.0	10/03/72 12/06/72 4/07/73 5/29/73 7/25/73 9/26/73	39.6 31.3 27.8 27.1 23.9 32.9	-14.6 -6.3 -2.5 -2.1 1.1 -7.9	5121
01N/21W-21N01 S 56			15.2	12/12/72 2/27/73 4/02/73 5/30/73 8/08/73 9/25/73	76.7 44.6 38.6 60.7 63.0 60.3	-61.5 -29.4 -23.4 -45.5 -47.8 -45.1	5121	01N/22W-06J01 S 56			20.0	10/27/72 11/27/72 12/27/72 3/12/73 6/04/73 7/27/73 8/30/73	10.8 6.5 8.7 3.7 4.9 4.8 5.9	9.2 13.5 11.3 16.3 15.1 15.2 14.1	5411
01N/21W-28N01 S 56			12.0	12/12/72 2/26/73 3/30/73 5/30/73 8/08/73 9/25/73	23.7 14.4 11.1 19.6 67.8 23.0	-11.7 -2.4 0.9 -7.6 -55.8 -11.0	5121	01N/22W-08D01 S 56			18.1	10/27/72 5/31/73 7/31/73 8/30/73	27.7 15.2 12.4 17.5	-9.6 2.9 5.7 0.6	5411
01N/21W-29A02 S 56			17.9	12/12/72 2/27/73 4/02/73 8/08/73	39.8 30.1 24.0 NM-4	-21.9 -12.2 -6.1	5121	01N/22W-11N02 S 56			51.0	10/06/72 11/03/72 12/01/72 1/02/73 2/05/73 3/05/73 4/06/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	47.3 45.2 45.4 44.6 45.9 54.1 51.0 50.5 50.1 49.6 49.1 49.5	3.7 5.4 5.6 6.4 5.1 -3.1 0.0 0.5 0.9 1.4 1.9 1.5	5411
01N/21W-30F02 S 56			16.1	4/02/73 5/30/73 8/15/73	25.4 42.2 58.0	-9.3 -26.1 -41.9	5121	01N/22W-13O02 S 56			41.7	12/11/72 2/28/73 4/02/73 5/30/73 8/14/73 9/26/73	41.9 36.9 39.6 50.8 56.5 55.4	-0.2 4.8 2.1 -9.1 -14.8 -13.7	5121
01N/21W-31L01 S 56			8.6	12/14/72 3/01/73 5/30/73 8/11/73 9/06/73	60.0 40.0 44.0 42.0 5.0	-51.4 -31.4 -35.4 -33.4 3.6	5121	01N/22W-14K03 S 56			37.0	12/11/72 2/28/73 4/03/73 8/09/73	54.0 42.4 39.3 56.5	-17.0 -5.4 -2.1 -19.5	5121
01N/21W-32A01 S 56			10.0	3/01/73 5/30/73 8/11/73 9/06/73	42.4 45.5 47.5 53.5	-32.4 -35.5 -37.5 -43.5	5121	01N/22W-14D01 S 56			36.1	11/27/72 12/27/72 3/09/73 6/26/73 7/31/73 9/26/73	39.5 40.9 29.9 36.7 38.2 45.3	-3.4 -4.9 6.2 -0.7 -2.1 -9.2	5411
01N/21W-32A02 S 56			12.8	12/12/72 2/26/73 3/30/73 5/30/73 8/08/73 9/25/73	29.6 17.3 14.4 21.8 21.6 26.6	-16.8 -4.5 -1.6 -9.0 -8.8 -13.8	5121	01N/22W-14K01 S 56			32.9	12/13/72 2/28/73 4/02/73 6/11/73 8/14/73 9/26/73	36.9 29.0 28.5 36.1 40.7 43.0	-4.0 3.9 4.4 -3.2 -7.8 -10.1	5121
01N/21W-32G01 S 56			10.0	12/14/72 3/01/73 5/30/73 8/21/73	22.3 14.9 21.8 22.4	-12.3 -4.9 -11.8 -12.4	5121	01N/22W-14D02 S 56			32.0	11/27/72 12/27/72 3/09/73 5/31/73 6/26/73 7/31/73 8/30/73 9/26/73	40.9 42.7 29.0 41.8 43.6 41.4 46.2 42.6	-8.0 -9.8 3.9 -8.9 -10.7 -8.5 -13.3 -9.7	5411
01N/21W-32K01 S 56			10.1	3/01/73 5/30/73 8/11/73 9/06/73	41.0 45.0 44.0 51.0	-30.9 -34.9 -33.9 -40.9	5121	01N/22W-15C01 S 56			31.9	12/19/72 2/27/73 4/02/73 5/30/73 8/14/73 9/26/73	31.6 25.1 24.9 28.9 31.1 34.8	0.3 6.8 7.0 3.0 0.8 -2.9	5121
01N/21W-32L01 S 56			9.6	12/14/72 3/01/73 5/30/73 8/21/73	10.6 6.8 9.8 10.7	-1.0 2.8 -0.2 -1.1	5121	01N/22W-17M03 S 56			9.0	5/31/73 9/01/73	5.7 8.1	3.3 0.9	5411
01N/21W-32O01 S 56			9.5	12/14/72 3/01/73 5/30/73 8/21/73	44.1 31.5 11.4 39.3	-34.6 -22.0 -1.9 -29.8	5121	01N/22W-18L02 S 56			11.3	4/02/73 5/29/73 7/25/73 9/26/73	0.8 1.4 -1.1 3.5(14)	10.5 9.9 12.4 7.8	5121
01N/22W-01A01 S 56			53.6	12/11/72 2/26/73 4/03/73 5/31/73 8/21/73	50.2 43.2 43.5 46.7 53.0	3.4 10.4 10.1 6.9 0.6	5121	01N/22W-20F01 S 56			10.7	7/31/73	7.9	2.8	5411
01N/22W-01P01 S 56			51.7	12/01/72 3/12/73 4/06/73 7/06/73	53.0 41.2 49.4 49.9	-1.3 10.5 2.3 1.8	5411	01N/22W-20F02 S 56			11.4	10/27/72 7/31/73	NM-1 NM-1	5411	
01N/22W-02E01 S 56			58.8	12/11/72 2/26/73 8/14/73 9/25/73	54.6 49.8 52.2 55.5	4.2 9.0 6.6 3.3	5121	01N/22W-20N02 S 56			8.4	7/27/73 8/03/73 9/07/73	3.2 2.9 6.7	5.2 5.5 1.7	5411
01N/22W-03F01 S 56			55.7	10/12/72 11/06/72 12/06/72	94.6(1) 69.7 61.7	-38.9 -14.0 -6.0	4209 5411	01N/22W-21L02 S 56			11.4	10/03/72 12/06/72 4/02/73 5/29/73 8/08/73	20.1 15.2 7.7 10.8 10.6	-8.7 -3.8 3.7 0.6 0.8	5121

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA							U-03 U-03.A U-03.A1	SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA							U-03 U-03.A U-03.A1
01N/22W-21L02	5		11.4	9/26/73	14.4	-3.0	5121	02N/21W-31P02	5	56	56.5	11/30/72	54.1	2.4	5121
01N/22W-22M05	5	56	16.4	12/13/72	18.1	-1.7	5121					2/21/73	44.7	11.8	
				2/27/73	12.9	3.5						4/03/73	43.7	12.8	
				4/02/73	12.4	4.0						5/31/73	47.3	9.2	
				5/30/73	29.2	-12.8						8/14/73	50.1(2)	6.4	
				8/14/73	20.3	-3.9		02N/21W-31P03	5	56	57.3	11/30/72	111.1	-53.4	5121
				9/26/73	21.8	-5.4						2/21/73	86.4	-29.1	
01N/22W-23001	5	56	18.8	12/13/72	22.7	-3.9	5121					4/03/73	76.9	-19.6	
				2/27/73	16.5	2.3						5/31/73	78.0	-20.7	
				4/02/73	16.8	2.0						8/21/73	85.3	-28.0	
				5/30/73	29.3	-10.5		02N/22W-08N01	5	56	203.8	10/03/72	173.4	30.4	5121
				8/14/73	29.5	-10.7						12/06/72	169.0	34.8	
				9/26/73	30.7	-11.9						3/05/73	163.6	40.2	5411
01N/22W-25C02	5	56	18.3	12/13/72	27.1	-8.8	5121					4/02/73	164.8	39.0	5121
				2/27/73	18.5	-0.2						5/29/73	167.2	36.6	
				4/04/73	25.1	-6.8						7/25/73	166.0	37.8	
				5/30/73	30.3	-12.0						9/26/73	169.2	34.6	
				8/15/73	33.3	-15.0		02N/22W-08P01	5	56	214.6	10/03/72	192.1	22.5	5121
				9/26/73	36.7	-18.4						12/06/72	186.4	28.2	
01N/22W-26A01	5	56	19.8	12/13/72	26.7	-6.9	5121					4/02/73	173.7	40.9	
												5/29/73	176.9	37.7	
01N/22W-26K01	5	56	13.9	12/13/72	22.6	-8.7	5121					7/25/73	174.7	39.9	
				4/02/73	12.0	1.9						9/26/73	176.0	38.6	
				5/30/73	29.2	-15.3		02N/22W-09J01	5	56	238.5	10/03/72	182.5	56.0	5121
				8/14/73	27.2	-13.3						12/06/72	178.1	60.4	
01N/22W-27A02	5	56	15.9	12/13/72	9.9	6.0	5121					3/05/73	183.2	55.3	5411
												4/02/73	168.4	70.1	5121
01N/22W-27R04	5	56	14.0	2/27/73	24.2	-10.2	5121					5/29/73	166.9	71.6	
				4/02/73	19.8	-5.8						7/25/73	166.7	71.8	
				5/30/73	27.0	-13.0						8/26/73	167.1	71.4	5411
				8/14/73	34.5	-20.5						9/26/73	169.2	69.3	5121
				9/26/73	40.1	-26.1		02N/22W-10G01	5	56	182.5	11/27/72	204.4	-21.9	5411
01N/22W-36R02	5	56	10.8	12/13/72	47.6	-36.8	5121					12/27/72	204.4	-21.9	
				2/27/73	31.0	-20.2						3/28/73	197.1	-14.4	
				4/02/73	21.5	-10.7						6/26/73	190.0	-7.5	
				5/30/73	38.3	-27.5						7/31/73	190.3	-7.8	
				8/21/73	51.3	-40.5						9/27/73	196.9	-14.4	
				9/26/73	56.0	-45.2		02N/22W-12R01	5	56	141.0	10/05/72	78.8	62.2	5411
01N/22W-36L01	5	56	6.9	2/27/73	11.1	-4.2	5121					1/02/73	82.6	58.4	
				4/02/73	5.5	1.4						4/06/73	72.9	68.1	
				5/30/73	15.6	-8.7						6/26/73	49.4	91.6	
				8/21/73	NM-1							8/03/73	48.3	92.7	
02N/21W-06F01	5	56	148.4	10/05/72	26.4	122.0	5411	02N/22W-12F01	5	56	128.0	10/05/72	101.9(2)	26.1	5411
				6/26/73	24.2	124.2						12/01/72	102.5(2)	25.5	
				9/01/73	24.8	123.6						1/02/73	103.3(2)	24.7	
02N/21W-06L01	5	56	149.0	10/05/72	84.9	64.1	5411					3/16/73	65.4(2)	62.6	
				1/02/73	85.2	63.8						6/27/73	68.1(2)	59.9	
				8/03/73	42.3	106.7						7/31/73	70.1(2)	57.9	
02N/21W-06P01	5	56	150.1	10/05/72	101.2	48.9	5411	02N/22W-12K02	5	56	135.7	10/27/72	NM-1		5411
				1/02/73	100.9	49.2						11/29/72	NM-1		
				6/27/73	52.4	97.7		02N/22W-12L03	5	56	129.0	10/30/72	79.5	49.5	5411
				8/03/73	47.7	102.4						11/29/72	110.2	18.8	
02N/21W-18A01	5	56	118.4	11/30/72	86.6	31.8	5121	02N/22W-12N03	5	56	125.0	10/09/72	107.4	17.6	5411
				2/21/73	84.0	34.4						12/01/72	103.8	21.2	
				3/30/73	79.2	39.2						2/20/73	84.9	40.1	
				5/29/73	62.7	55.7						4/06/73	65.0	60.0	
				8/07/73	58.4	60.0		02N/22W-12P01	5	56	135.1	10/06/72	102.6	32.5	5411
				9/24/73	56.4	62.0						11/03/72	105.4	29.7	
02N/21W-18P01	5	56	108.2	1/02/73	76.7	31.5	5411					12/01/72	103.0	32.1	
				3/28/73	NM-1							1/02/73	103.9	31.2	
				6/26/73	NM-1							2/05/73	99.3	35.8	
				7/31/73	NM-1							3/05/73	95.6	39.5	
02N/21W-19L01	5	56	89.7	11/30/72	68.7	21.0	5121					4/06/73	72.1	63.0	
				2/21/73	65.2	24.5						5/04/73	64.1	71.0	
				3/30/73	64.2	25.5						6/01/73	61.8	73.3	
				5/29/73	59.5	30.2						7/06/73	64.0	71.1	
				9/24/73	51.6	38.1						8/03/73	60.9	74.2	
02N/21W-29L02	5	56	73.3	10/12/72	71.7	1.6	5411					9/07/73	56.4	78.7	
				11/03/72	71.8	1.5		02N/22W-14G01	5	56	113.4	10/05/72	NM-1		5411
				12/08/72	63.6	9.7						3/23/73	84.0	24.0	5411
				1/02/73	71.7	1.6						4/10/73	66.0	42.0	
				2/05/73	71.1	2.2						5/04/73	58.0	50.0	
				3/05/73	57.2	16.1						6/07/73	74.0	34.0	
				4/06/73	55.9	17.4						7/05/73	77.0	31.0	
				5/11/73	51.6	21.7						8/23/73	80.0	28.0	
				6/22/73	54.3	19.0						9/07/73	79.0	29.0	
				7/20/73	56.1	17.2		02N/22W-16K01	5	56	150.0	4/02/73	130.8	19.2	5121
				8/03/73	57.6	15.7						6/12/73	132.6(5)	17.4	
02N/21W-29L03	5	56	77.0	11/27/72	92.7	-15.7	5411					8/08/73	139.1(4)	10.9	
				6/27/73	88.9	-11.9						9/26/73	140.0	10.0	
				8/30/73	92.9	-15.9		02N/22W-18N01	5	56	80.0	10/25/72	61.5	18.5	5121
02N/21W-30P02	5	56	64.2	11/30/72	54.2	10.0	5121					12/06/72	59.4	20.6	
				2/21/73	51.4	12.8						4/02/73	56.7	23.3	
				4/03/73	44.6	19.6						5/29/73	56.2	23.8	
				6/07/73	NM-1							7/25/73	61.3	18.7	
				8/15/73	NM-1							9/26/73	60.0	20.0	

See page 79 for key to terms & abbreviations





TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA CLARA-CALLIFUGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT PLEASANT VALLEY HYDRO SUBAREA							U-03 U-03.A U-03.A2	SANTA CLARA-CALLIFUGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT PLEASANT VALLEY HYDRO SUBAREA							U-03 U-03.A U-03.A2
01N/20W-06C01 S (CONTINUED)			124.5	5/29/73 8/07/73 9/24/73	148.5 138.6(2) 104.8	-24.0 -14.1 19.7	5121	02N/21W-34J01 S (CONTINUED)			82.0	11/27/72 12/27/72 2/20/73 3/09/73 6/26/73 7/31/73 8/30/73	147.0 147.0 130.4 126.9 137.2 133.3 140.6	-65.0 -65.0 -48.4 -44.9 -55.2 -51.3 -58.6	5411
01N/21W-02J02 S 56			90.0	12/19/72 2/20/73 3/30/73 5/29/73 8/07/73	130.3 147.7 112.2 140.9 143.4	-40.3 -57.7 -22.2 -50.9 -53.4	5121	02N/21W-35D02 S 56			118.3	2/20/73 3/30/73 5/29/73 8/15/73 9/24/73	191.4 214.7 223.8 197.9 200.6	-73.1 -96.4 -105.5 -79.6 -82.3	5121
01N/21W-02P01 S 56			66.6	12/19/72 2/20/73 4/03/73 5/31/73 8/07/73	120.8 104.1 97.9 112.0 111.3	-54.2 -37.5 -31.3 -45.4 -44.7	5121	02N/21W-36N01 S 56			110.1	12/18/72 2/20/73 3/30/73 5/29/73 8/07/73	153.2 135.8 139.5 149.6 147.1	-43.1 -25.7 -29.4 -39.5 -37.0	5121
01N/21W-03L01 S 56			58.5	12/19/72 2/20/73 5/31/73 8/07/73	114.3 105.7 109.8 103.0	-55.8 -47.2 -51.3 -44.5	5121	SANTA PAULA HYDRO SUBUNIT SANTA PAULA HYDRO SUBAREA							U-03.B U-03.B1
01N/21W-10F01 S			38.2	12/19/72 2/20/73 4/04/73 6/07/73 8/08/73 9/25/73	3.3(3) 63.0 63.6 66.4 64.9 66.1	34.9 -24.8 -25.4 -28.2 -26.7 -27.9	5121	02N/22W-02C01 S 56			177.4	10/04/72 12/11/72 4/03/73 6/12/73 7/25/73 9/25/73	39.5 29.5 20.3 28.6 32.3 34.9	137.4 147.9 157.1 148.8 145.1 142.5	5121
01N/21W-12F03 S 56			75.0	12/14/72 2/20/73 3/30/73 5/31/73 8/07/73	56.3 54.8 54.2 56.1 55.5	18.7 20.2 20.9 18.9 19.5	5121	02N/22W-03K01 S 56			247.0	12/11/72	114.0	133.0	5121
01N/21W-14A01 S			53.0	5/31/73	NW-1		5121	02N/22W-03K02 S 56			248.1	10/04/72 4/03/73 5/29/73 8/08/73 9/26/73	120.9 103.3 102.8 108.7 111.0	127.2 144.4 145.3 139.4 137.1	5121
01N/21W-15Q02 S 56			23.7	10/27/72 11/27/72 12/27/72 3/09/73 5/31/73 6/26/73 7/31/73 8/30/73 9/26/73	111.5 86.0 86.6 60.2 76.0 73.7 75.8 79.8 84.9	-87.8 -62.3 -62.9 -36.5 -52.3 -50.0 -52.1 -56.1 -61.2	5411	02N/22W-03M02 S 56			291.9	10/04/72 12/11/72 4/03/73 6/04/73 7/25/73 9/25/73	202.4 192.1 174.6 180.0 183.3 179.4	89.5 99.8 113.3 111.9 108.6 112.5	5121
01N/21W-16A02 S 56			27.8	12/19/72	28.2	-0.4	5121	02N/22W-03P02 S 56			214.2	10/04/72 4/03/73 6/04/73 8/08/73 9/26/73	94.1 89.1 90.2 92.4 94.0	118.1 125.1 124.0 121.8 120.2	5121
01N/21W-22M01 S 56			23.3	12/12/72 2/20/73 3/30/73 5/30/73 8/08/73 9/25/73	26.1 19.8 16.6 22.1 20.9 24.3	-2.8 3.5 6.7 1.2 2.4 -1.0	5121	02N/22W-10C02 S 56			238.6	10/04/72 12/11/72 4/09/73 6/04/73 7/25/73 9/26/73	127.9 128.5 123.9 124.8 126.4 128.2	110.7 110.1 114.7 113.8 112.2 110.4	5121
01N/21W-27F01 S 56			13.7	2/26/73 3/30/73 5/30/73 8/08/73 9/25/73	50.6 43.3 62.2 55.5 60.3	-36.9 -29.6 -48.5 -41.8 -46.6	5121	02N/22W-11A01 S 56			129.5	10/04/72 12/11/72 4/02/73 5/29/73 7/25/73 9/25/73	91.1 83.1 46.1 55.3 60.0 59.7	38.4 46.4 83.4 74.2 69.5 69.8	5121
02N/20W-28G02 S 56			170.0	12/18/72 3/30/73 5/29/73 8/07/73 9/24/73	129.7 120.7 119.2 118.5 117.1	40.3 49.3 50.8 51.5 52.9	5121	02N/22W-12A01 S 56			148.9	10/06/72 11/02/72 12/01/72 1/02/73 2/05/73 3/05/73 4/06/73 5/04/73 6/01/73 7/06/73 8/10/73 9/07/73	101.1 102.7 97.8 94.1 90.2 91.5 26.2 41.2 39.0 47.7 38.8 35.1	47.8 46.2 51.1 54.8 58.7 57.4 122.7 107.7 109.9 101.2 110.1 113.8	5411
02N/20W-30C01 S 56			189.1	12/18/72 2/16/73 3/30/73 5/29/73 8/08/73 9/24/73	298.3 297.4 329.3 357.4 292.6 295.0	-109.2 -108.3 -140.2 -168.3 -103.5 -105.9	5121	03N/21W-02D01 S 56			347.6	10/04/72 12/11/72 4/03/73 5/29/73 7/26/73 9/25/73	115.8 103.7 89.7 99.7 110.0 109.7	231.8 243.9 257.9 247.9 237.6 237.9	5121
02N/20W-30H01 S 56			189.3	2/16/73 3/30/73 6/11/73 8/08/73 9/24/73	348.7 375.6 269.4 271.8 279.4	-159.4 -186.3 -80.1 -82.5 -90.1	5121	03N/21W-09K02 S 56			361.6	10/04/72 12/11/72 4/03/73 5/29/73 7/26/73 9/25/73	166.4 158.2 145.5 157.3 157.3 62.5	195.2 203.4 216.1 204.3 204.3 299.1	5121
02N/20W-31R01 S			155.3	3/30/73 5/29/73 8/08/73 9/24/73	168.3 167.8 167.6 167.9	-13.0 -12.5 -12.3 -12.6	5121	03N/21W-09R03 S 56			295.0	11/03/72 12/01/72 1/04/73 2/01/73 3/06/73 4/02/73 5/03/73 6/09/73 7/07/73 8/08/73 9/17/73	98.1 95.8 90.9 86.5 88.5 82.3 87.5 92.4 101.4 95.4 100.4	196.9 199.2 204.1 208.5 206.5 212.7 207.5 202.6 193.6 199.6 194.6	2225
02N/21W-23P02 S 56			172.0	2/16/73 3/30/73 8/07/73 9/24/73	101.8 109.4 110.6 114.4	70.2 62.6 61.4 57.6	5121	02N/21W-34D03 S 56			89.2	12/14/72 2/20/73 5/29/73 8/07/73	187.3 152.4 176.2 160.4	-98.1 -63.2 -87.0 -71.2	5121
02N/21W-27G01 S 56			129.1	12/14/72 2/16/73 3/30/73 5/29/73 8/07/73 9/24/73	206.6 101.9 203.2 205.6 202.8 203.7	-77.5 27.2 -74.1 -76.5 -73.7 -74.6	5121	02N/21W-34J01 S 56			82.0	10/29/72	172.9	-90.9	5411

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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA CLARA-CALLEGUAS HYDRO UNIT SANTA PAULA HYDRO SUBUNIT SANTA PAULA HYDRO SUBAREA							U-03 U-03.B U-03.B1	SANTA CLARA-CALLEGUAS HYDRO UNIT SANTA PAULA HYDRO SUBUNIT SANTA PAULA HYDRO SUBAREA							U-03 U-03.B U-03.B1
03N/21W-09R04	S	56	292.0	11/03/72	99.2	192.8	2225	03N/21W-15C03	S	56	242.2	11/05/72	46.1	196.1	2225
				12/01/72	89.4	202.6						12/01/72	81.2(1)	161.0	
				1/04/73	87.6	204.4						1/04/73	82.9(1)	159.3	
				2/01/73	83.3	208.7						2/01/73	36.6	205.6	
				3/05/73	79.4	212.6						3/05/73	69.2(1)	173.0	
				4/02/73	78.9	213.1						4/02/73	28.2	214.0	
				5/03/73	84.2	207.8						5/03/73	72.7(1)	169.5	
				6/09/73	89.2	202.8						6/09/73	83.8(1)	158.4	
				7/07/73	104.4(1)	187.6						7/07/73	87.7(1)	154.5	
				8/08/73	92.1	199.9						8/08/73	92.3(1)	149.9	
				9/17/73	105.4(1)	186.6						9/13/73	89.7(1)	152.5	
03N/21W-10A01	S	56	359.2	12/02/72	158.5	200.7	2225	03N/21W-15C04	S	56	241.4	11/05/72	58.4(1)	183.0	2225
				1/10/73	156.2	203.0						12/01/72	34.8	206.6	
				2/02/73	137.7	221.5						1/04/73	46.0(1)	195.4	
				3/05/73	139.0	220.2						2/01/73	28.3	213.1	
				4/03/73	167.1(1)	192.1						3/05/73	26.8	214.6	
				5/08/73	137.2	222.0						4/02/73	23.8	217.6	
				6/10/73	176.0(1)	183.2						5/03/73	28.3	213.1	
				7/07/73	187.0(1)	172.2						6/09/73	34.7	206.7	
				8/08/73	182.9(1)	176.3						7/07/73	42.8	198.6	
				9/17/73	148.0	211.2						8/08/73	36.8	204.6	
												9/19/73	50.8(1)	190.6	
03N/21W-11D02	S	56	329.9	11/05/72	113.8	216.1	2225	03N/21W-16G01	S	56	244.1	11/03/72	57.2	186.9	2225
				12/01/72	106.0	223.9						12/01/72	47.9	196.2	
				1/10/73	137.9(1)	192.0						1/04/73	46.8	197.3	
				2/02/73	99.6	230.3						2/01/73	41.4	202.7	
				3/05/73	128.0(1)	201.9						3/06/73	42.7	201.9	
				4/03/73	92.6	237.3						4/02/73	37.1	207.0	
				5/03/73	146.9(1)	183.0						5/03/73	46.7	197.4	
				6/10/73	155.1(1)	174.8						6/09/73	48.1	196.0	
				7/07/73	161.7(1)	168.2						7/07/73	59.2(1)	184.9	
				8/08/73	162.8(1)	167.1						8/08/73	56.5(1)	187.8	
				9/21/73	161.2(1)	168.7						9/17/73	52.1	192.0	
03N/21W-11F03	S	56	315.0	11/05/72	110.6(1)	204.4	2225	03N/21W-16K01	S	56	232.0	11/03/72	67.0(1)	165.0	2225
				12/01/72	85.6	229.4						12/01/72	35.9	196.1	
				1/10/73	85.6	229.4						1/04/73	33.9	198.1	
				2/01/73	77.9	237.1						2/01/73	24.2	207.8	
				3/05/73	69.8	245.2						3/05/73	26.8	205.2	
				4/03/73	69.8	245.2						4/02/73	26.1	205.9	
				5/03/73	82.0	233.0						5/03/73	57.4(1)	174.6	
				6/10/73	81.9	233.1						6/09/73	33.9	198.1	
				7/07/73	84.9	230.1						7/07/73	67.0(1)	165.0	
				8/08/73	88.7	226.3						8/08/73	62.6(1)	169.4	
				9/17/73	84.8	230.2						9/17/73	64.0(1)	168.0	
03N/21W-11P01	S	56	251.0	11/28/72	26.0	225.0	5411	03N/21W-16K02	S	56	228.0	11/03/72	45.0	183.0	2225
				2/09/73	19.9	231.1						12/01/72	31.2	196.8	
				6/27/73	22.3	228.7						1/04/73	29.7	198.3	
				7/30/73	23.5	227.5						2/01/73	25.4	202.2	
				8/29/73	23.9	227.1						3/05/73	24.3	203.7	
				9/27/73	23.9	227.1						4/02/73	23.3	204.7	
03N/21W-12F01	S	56	278.0	11/05/72	26.8	251.2	2225					5/03/73	29.0	199.0	
				12/02/72	18.2	259.8						6/09/73	29.5	198.5	
				1/10/73	16.4	261.6						7/07/73	17.8	190.2	
				2/01/73	15.0	263.0						8/08/73	35.3	192.7	
				3/05/73	13.9	264.1						9/17/73	37.5	190.5	
				4/02/73	13.6	264.4									
				5/03/73	51.3(1)	226.7									
				6/10/73	59.6(1)	218.4									
				7/07/73	55.8(1)	222.2									
				8/08/73	66.3(1)	211.7									
				9/16/73	62.7(1)	215.3									
03N/21W-12F04	S	56	276.0	11/06/72	28.7	247.3	2225	03N/21W-16K03	S	56	228.7	11/03/72	39.5	189.2	2225
				12/02/72	14.0	262.0						12/01/72	32.0	196.7	
				1/10/73	7.4	268.6						1/04/73	30.0	198.7	
				2/01/73	11.1	264.9						2/01/73	26.1	202.6	
				3/05/73	9.4	266.6						3/05/73	25.1	203.4	
				4/02/73	9.5	266.5						4/02/73	22.0	206.7	
				5/03/73	18.2	257.8						5/03/73	27.5	201.2	
				6/10/73	23.6	252.4						6/09/73	29.9	198.8	
				7/07/73	72.4(1)	203.6						7/07/73	103.0(1)	125.7	
				8/08/73	82.4(1)	193.6						8/08/73	35.0	193.7	
				9/16/73	22.5	253.5						9/17/73	35.2	193.5	
03N/21W-12F03	S	56	277.0	11/05/72	21.7	255.3	2225	03N/21W-17001	S	56	284.0	10/25/72	100.8	183.2	5121
				12/02/72	13.7	263.3						12/11/72	95.6	188.4	
				1/10/73	11.9	265.1						4/03/73	82.0	202.0	
				2/01/73	10.7	266.3						5/29/73	88.6	195.4	
				3/05/73	10.7	266.3						7/25/73	97.0	187.0	
				4/02/73	8.9	268.1						9/25/73	95.1	188.9	
				5/03/73	15.9	261.1									
				6/10/73	69.7(1)	207.3									
				7/07/73	23.7	253.3									
				8/08/73	66.2(1)	210.8									
				9/16/73	19.7	257.3									
03N/21W-15C02	S	56	242.0	11/05/72	43.1	198.9	2225	03N/21W-19H06	S	56	248.0	11/03/72	187.1(1)	60.9	2225
				12/01/72	35.9	206.1						12/01/72	76.8	171.2	
				1/04/73	45.6(1)	196.4						1/04/73	161.0(1)	87.0	
				2/01/73	29.0	213.0						2/01/73	64.9	183.1	
				3/05/73	26.4	215.6						3/06/73	70.0	178.0	
				4/02/73	24.5	217.5						4/03/73	61.8	186.2	
				5/03/73	22.9	219.1						5/03/73	146.2(1)	101.8	
				6/09/73	64.8(1)	197.2						6/09/73	71.2	176.8	
				7/07/73	49.2	192.8						7/07/73	159.2(1)	88.8	
				8											









TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA CLARA-CALLFGUAS HYDRO UNIT							U-03	SANTA CLARA-CALLEGUAS HYDRO UNIT							U-03
RIPU HYDRO SUBUNIT							U-03.D	UPPER SANTA CLARA R HYDRO SUBUNIT							U-03.E
STAUFFER HYDRO SUBAREA							U-03.D4	EASTERN HYDRO SUBAREA							U-03.F1
08N/20W-31P01	S		4840.0	7/17/73	NM-9		5121	04N/14W-18F01	S		1632.0	4/09/73	32.5	1599.5	1101
08N/21W-23L01	S	19	5350.0	4/12/73	69.4	5280.6	5121	04N/14W-31F01	S		2075.0	11/28/72	FLOW FLOW		1101
08N/21W-24L01	S	56	5200.0	4/12/73	213.9	4986.1	5121	04N/15W-01A02	S	19	1851.0	11/30/72	50.0	1801.0	1101
				7/17/73	375.2(2)	4824.8					4/12/73	51.4	1799.6		
08N/21W-26R01	S	56	5198.0	4/12/73	54.6	5143.4	5121	04N/15W-01P02	S	19	1825.0	11/30/72	47.3	1777.7	1101
				6/28/73	54.5	5143.5					4/12/73	48.8	1776.2		
08N/21W-26J01	S	56	5050.0	4/12/73	8.4	5041.6	5121	04N/15W-01C01	S	19	1795.5	11/30/72	55.0	1740.5	1101
				6/28/73	10.2	5039.8					4/12/73	56.7	1738.8		
08N/21W-27O01	S	56	5203.0	4/11/73	121.1	5081.9	5121	04N/15W-01F01	S	19	1775.0	11/30/72	61.6	1713.4	1101
				6/28/73	125.4	5077.6					4/12/73	63.7	1711.3		
08N/21W-27P01	S	56	5191.1	4/11/73	48.6	5142.5	5121	04N/15W-02J01	S	19	1730.0	11/30/72	35.4	1694.6	1101
				6/28/73	44.8	5146.3					4/12/73	40.3	1689.7		
08N/21W-29N02	S		5450.0	10/05/72	NM-1		5121	04N/15W-02J02	S	19	1735.0	11/30/72	37.1	1697.9	1101
08N/21W-33J01	S		5150.0	10/05/72	NM-9		5121				4/12/73	41.5	1693.5		
				4/11/73	NM-4			04N/15W-05R01	S	19	1482.0	12/06/72	36.1	1445.9	1101
08N/21W-33N01	S	56	5450.0	10/05/72	53.0	5397.0	5121				4/05/73	43.9	1439.1		
				4/11/73	50.9	5399.1		04N/15W-05C01	S	19	1437.0	12/06/72	22.0	1415.0	1101
				7/17/73	2.4	5447.6					4/05/73	27.4	1409.4		
08N/21W-33R03	S	56	5150.0	10/05/72	47.6	5102.4	5121	04N/15W-06F01	S	19	1374.0	12/06/72	11.1	1362.9	1101
				4/11/73	48.0	5102.0					4/05/73	13.2	1360.8		
				7/17/73	NM-1			04N/15W-06H01	S	19	1420.0	12/06/72	13.0	1407.0	1101
08N/21W-34K01	S			10/05/72	NM-7		5121				4/05/73	16.3	1403.7		
08N/21W-34P01	S	56	5051.4	10/05/72	51.3	5000.1	5121	04N/15W-06K01	S	19	1396.0	12/06/72	5.7	1390.3	1101
				4/12/73	50.9	5000.5					4/25/73	49.7	1276.3	1101	
				7/17/73	43.8	5007.6		04N/15W-07F01	S		1326.0	5/10/73	50.1	1275.9	
08N/21W-35D01	S		5100.0	6/28/73	NM-7		5121				7/02/73	52.0	1274.7		
08N/21W-35J01	S	56	5050.0	10/05/72	30.8	5019.2	5121				9/05/73	55.2	1271.5		
				4/12/73	31.1	5018.9		04N/15W-11P01	S		1690.0	11/30/72	NM-2		1101
				6/28/73	33.0	5017.0					12/12/72	NM-2			
08N/21W-35K01	S	56	5003.0	10/05/72	44.8	4958.2	5121	04N/15W-11R02	S	19	1703.0	11/30/72	35.2	1667.8	1101
				4/12/73	45.2	4957.8					4/12/73	40.7	1662.3		
				6/28/73	44.1	4958.9		04N/15W-11F01	S	19	1652.0	11/01/72	23.2	1628.8	1101
UPPER SANTA CLARA R HYDRO SUBUNIT							U-03.E								
EASTERN HYDRO SUBAREA							U-03.E1								
03N/15W-05D02	S		1467.0	11/28/72	NM-3		1101				1/02/73	25.4	1626.6		
				4/06/73	NM-1						3/02/73	26.1	1625.9		
03N/15W-06A01	S		1447.0	11/28/72	32.8	1414.2	1101				4/05/73	26.7	1625.3		
				4/06/73	9.3	1437.7		04N/15W-11N01	S	19	1609.0	12/12/72	25.0	1584.0	1101
03N/16W-01M01	S	19	1309.4	11/29/72	91.1	1218.3	1101				5/01/73	27.7	1624.3		
				4/06/73	60.5	1248.9					7/02/73	30.5	1621.5		
03N/16W-01O05	S	19	1336.2	11/01/72	2.1	1334.1	1101				9/05/73	34.2	1617.4		
				1/05/73	3.4	1332.8		04N/15W-11N03	S	19	1621.0	11/30/72	28.2	1592.8	1101
				7/02/73	0.3	1335.9					4/09/73	30.0	1591.0		
				9/05/73	5.3	1330.9		04N/15W-13P01	S	19	1573.0	10/04/72	35.3	1537.7	1101
03N/16W-02J01	S	19	1318.0	11/29/72	103.8	1214.2	1101				11/01/72	37.4	1535.6		
				4/06/73	88.1	1229.9					1/02/73	40.3	1532.7		
03N/16W-03H02	S	19	1300.0	11/29/72	91.4	1208.6	1101				3/02/73	35.0	1538.0		
				4/06/73	82.7	1217.3		04N/15W-13R01	S	19	1573.0	4/09/73	32.8	1540.2	1101
03N/16W-03P01	S	19	1325.0	11/29/72	143.8	1181.2	1101				5/01/73	31.8	1541.2		
				4/06/73	144.2	1180.8					7/02/73	32.3	1540.7		
03N/16W-04A02	S		1273.0	11/29/72	NM-1		1101				9/05/73	34.0	1539.0		
				1/23/73	NM-1			04N/15W-13001	S		1590.0	11/29/72	NM-6		1101
				4/06/73	NM-1						4/09/73	28.7	1529.3		
03N/16W-04J01	S	19	1280.3	4/24/73	62.1	1218.2	1101	04N/15W-14J01	S	19	1558.0	12/11/72	35.0	1523.0	1101
03N/16W-11A01	S	19	1388.0	11/29/72	62.0	1326.0	1101				4/09/73	28.7	1529.3		
				4/06/73	59.3	1328.7		04N/15W-14P01	S		1545.0	11/30/72	DRY		1101
03N/16W-11A02	S	19	1400.0	11/29/72	46.4	1353.6	1101				4/09/73	DRY			
03N/16W-11D02	S	19	1377.0	11/29/72	31.3	1345.7	1101	04N/15W-14R01	S	19	1554.0	11/29/72	37.2	1516.8	1101
				4/06/73	31.3	1345.7					-4/09/73	30.6	1523.4		
03N/16W-11M02	S	19	1417.0	4/06/73	153.6	1263.4	1101	04N/15W-15A01	S	19	1600.0	11/30/72	35.0	1565.0	1101
03N/16W-12A03	S	19	1400.0	11/28/72	18.6	1381.4	1101				4/09/73	36.8	1563.2		
				4/06/73	7.7	1392.3		04N/15W-15G01	S	19	1575.0	11/30/72	32.5	1542.5	1101
03N/16W-12G02	S	19	1401.3	11/28/72	24.9	1376.4	1101				4/09/73	33.5	1541.5		
				4/06/73	19.1	1382.2		04N/15W-15G02	S	19	1573.0	12/12/72	29.6	1543.4	1101
03N/16W-13A01	S	19	1600.0	11/28/72	81.3	1518.7	1101				4/09/73	30.5	1542.5		
				4/06/73	82.7	1517.3		04N/15W-15L01	S		1535.0	11/30/72	NM-6		1101
04N/14W-17E01	S	19	1690.0	11/29/72	69.7(2)	1620.3	1101				4/09/73	38.3	1466.7	1101	
				4/09/73	19.3(2)	1670.7		04N/15W-15N02	S	19	1505.0	11/30/72	30.8	1474.2	1101
04N/14W-18F01	S		1632.0	11/29/72	47.1	1584.9	1101	04N/15W-16N01	S	19	1377.0	11/28/72	66.6	1310.4	1101
											4/09/73	67.1	1309.9		
								04N/15W-17R01	S		1323.5	11/28/72	NM-2		1101
											12/12/72	NM-2			
								04N/15W-18N02	S			11/28/72	NM-1		1101

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA								SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA							
							U-03 U-03.E U-03.E1								U-03 U-03.F U-03.E1
04N/15W-18N02	5			4/05/73	NM-1		1101	04N/15W-26R04	5	19	1715.0	4/10/73	57.6	1657.4	1101
04N/15W-18P01	5	19	1291.0	11/28/72 4/05/73	30.1 28.5	1260.9 1262.5	1101	04N/15W-31G01	5	19	1506.5	11/28/72 4/06/73	4.1 0.2	1502.4 1506.3	1101
04N/15W-19001	5		1275.0	11/01/72 1/02/73 3/02/73 4/05/73 5/01/73 7/02/73 9/05/73	32.4 28.4 26.0 25.4 26.6 29.7 33.2	1242.6 1246.6 1249.0 1249.6 1248.4 1245.3 1241.8	1101	04N/15W-31N02	5	19	1375.0	11/29/72 4/06/73	43.2 36.7	1331.8 1338.3	1101
04N/15W-20F01	5		1348.0	12/21/72 1/23/73 4/05/73 7/02/73	NM-5 NM-3 NM-3 NM-3		1101	04N/15W-31P02	5	19	1385.8	11/01/72 1/02/73 3/02/73 4/05/73 5/01/73 7/02/73 9/05/73	42.6 43.2 37.2 35.4 32.0 29.4 34.2	1343.2 1342.6 1348.6 1350.4 1353.8 1356.0 1351.6	1101
04N/15W-20K01	5		1362.0	4/05/73 5/01/73 7/02/73	NM-3 NM-3 NM-3		1101	04N/15W-35J02	5	19	1779.0	11/28/72 4/10/73	85.7 55.0	1693.3 1729.0	1101
04N/15W-20P01	5		1385.0	4/09/73	NM-3		1101	04N/15W-35R01	5	19	1812.5	11/28/72 4/10/73	109.0 55.1	1703.5 1757.4	1101
04N/15W-20R02	5	19	1387.5	11/30/72 4/09/73	39.0 35.1	1348.5 1352.4	1101	04N/15W-35R02	5	19	1800.0	11/28/72 4/10/73	100.5 55.8	1699.5 1744.2	1101
04N/15W-21A01	5	19	1460.0	11/30/72 4/09/73	52.4 49.2	1407.6 1410.8	1101	04N/15W-36C01	5	19	1776.0	11/28/72 4/06/73	33.3 31.3	1742.7 1744.7	1101
04N/15W-21G01	5	19	1441.0	11/30/72 4/09/73	42.5 39.1	1398.5 1401.9	1101	04N/15W-36F01	5	19	1770.0	4/06/73	46.6	1723.4	1101
04N/15W-21J01	5	19	1431.0	11/30/72 4/09/73	31.5 27.4	1399.5 1403.6	1101	04N/15W-36F03	5	19	1821.0	11/28/72 4/06/73	81.0 28.9	1740.0 1792.1	1101
04N/15W-21J02	5	19	1440.0	11/30/72 4/09/73	33.1 30.0	1406.9 1410.0	1101	04N/15W-36W01	5	19	2075.0	11/28/72 4/06/73	42.0 18.7	2033.0 2056.7	1101
04N/15W-21O02	5	19	1419.0	11/30/72 4/09/73 9/05/73	33.6 29.4 39.8	1385.4 1389.6 1378.2	1101	04N/16W-01P01	5	19	1377.0	12/06/72 4/05/73	67.5 63.5	1309.5 1313.5	1101
04N/15W-22F02	5	19	1457.0	11/01/72 1/02/73 3/02/73 4/09/73 5/01/73 7/02/73 9/05/73	31.2 32.4 28.3 28.0 28.0 32.9 35.9	1425.8 1424.6 1428.7 1429.0 1429.0 1424.1 1421.1	1101	04N/16W-01K01	5	19	1333.0	12/06/72 4/05/73	60.5 61.8	1272.5 1271.2	1101
04N/15W-22L01	5	19	1464.0	11/30/72 4/09/73	27.5 26.1	1436.5 1437.9	1101	04N/16W-01P03	5	19	1329.0	12/06/72 4/05/73	579.6 67.5	749.4	1101
04N/15W-23B02	5	19	1530.0	11/30/72 4/09/73	26.9 19.2	1503.1 1510.8	1101	04N/16W-01O01	5	19	1330.0	12/06/72 4/05/73	65.8 67.6	1264.2 1262.4	1101
04N/15W-23R03	5	19	1550.0	11/30/72 4/09/73	40.6 34.9	1509.4 1515.1	1101	04N/16W-02M01	5	19	1330.0	11/28/72 4/04/73	86.2 86.2	1243.8 1243.8	1101
04N/15W-23C01	5	19	1511.5	11/30/72 4/09/73	32.1 19.1	1479.4 1492.4	1101	04N/16W-03F01	5	19	1196.3	11/27/72 4/04/73	15.8 10.3	1180.5 1186.0	1101
04N/15W-23E01	5	19	1515.0	11/30/72 4/09/73	31.8 24.5	1483.2 1490.5	1101	04N/16W-04H01	5	19	1201.0	11/27/72 4/04/73	20.6 14.1	1180.4 1186.9	1101
04N/15W-23F01	5	19	1528.5	4/09/73	29.7	1498.8	1101	04N/16W-06A01	5	19	1063.0	11/28/72 4/04/73	16.0 14.9	1047.0 1048.1	1101
04N/15W-23F02	5	19	1553.0	11/30/72 4/09/73	52.1 47.9	1500.9 1505.1	1101	04N/16W-07001	5	19	1027.0	11/27/72 4/04/73	8.8 7.6	1018.2 1019.4	1101
04N/15W-23F04	5	19	1530.0	11/30/72 4/09/73	36.1(4) 28.9	1493.9 1501.1	1101	04N/16W-09H01	5	19	1153.5	11/28/72 4/04/73	11.9 8.5	1141.6 1145.0	1101
04N/15W-23F05	5	19	1552.0	11/30/72 4/09/73	51.8 47.6	1500.2 1504.4	1101	04N/16W-09H02	5	19	1155.0	11/28/72 4/04/73	18.2 14.8	1136.8 1140.2	1101
04N/15W-23K03	5	19	1570.0	11/30/72 4/09/73	53.2 50.9	1516.8 1519.1	1101	04N/16W-12C03	5	19	1030.2	10/13/72 11/28/72 12/28/72 1/23/73 4/04/73 8/30/73	31.0 21.2 14.9 14.2 16.4 23.1	999.2 1009.0 1015.3 1016.0 1013.8 1007.1	1101
04N/15W-23001	5		1588.0	11/30/72 4/12/73	NM-2 NM-2		1101	04N/16W-12H01	5	19	1315.0	11/01/72 1/02/73 3/02/73 4/05/73 5/01/73 7/02/73 9/05/73	38.1 39.6 40.2 40.5 33.3 45.5 49.1	1276.9 1275.4 1274.8 1274.5 1281.7 1269.5 1265.9	1101
04N/15W-24C01	5	19	1580.0	11/29/72 4/09/73	41.3 37.5	1538.7 1542.5	1101	04N/16W-12K01	5	19	1281.0	12/06/72 4/05/73	29.1 31.5	1251.9 1249.5	1101
04N/15W-26G01	5	19	1640.0	11/30/72 4/09/73	69.5 69.5	1570.5 1570.5	1101	04N/16W-12M01	5	19	1265.0	12/06/72 4/05/73	23.9 23.6	1241.1 1241.4	1101
04N/15W-26K01	5	19	1678.0	11/30/72 4/09/73	91.1 87.5	1586.9 1590.5	1101	04N/16W-12N02	5	19	1253.0	12/06/72 4/05/73	26.0 25.5	1227.0 1227.5	1101
04N/15W-26R02	5	19	1686.0	10/04/72 11/01/72 1/02/73 3/02/73 4/10/73 5/01/73 7/02/73 9/05/73	40.6 41.3 41.8 61.5 39.8 39.4 37.8 34.5	1645.4 1644.7 1644.2 1644.5 1646.2 1646.6 1648.2 1651.5	1101	04N/16W-13D01	5	19	1240.0	12/06/72 4/05/73	27.9 31.1	1212.1 1208.9	1101
04N/15W-26R04	5	19	1715.0	11/28/72	106.1	1608.9	1101	04N/16W-14F02	5	19	1178.8	11/28/72	31.8	1147.0	1101
								04N/16W-14H01	5	19	1223.0	12/06/72 4/05/73	28.2 29.0	1194.8 1194.0	1101
								04N/16W-15003	5	19	1153.0	11/28/72	31.5	1121.5	1101

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA							U-03 U-03.E U-03.E1	SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA							U-03 U-03.E U-03.E1
04N/16W-15003	5	19	1153.0	4/05/73	22.2	1130.8	1101	04N/16W-28A01	5	19	1169.5	12/06/72 4/05/73	75.0 71.8	1094.5 1097.7	1101
04N/16W-15R01	5		1155.0	11/27/72 4/05/73	19.7 10.1	1135.3 1144.9	1101	04N/16W-32001	5	19	1350.0	11/01/72 1/05/73 3/02/73 4/06/73	74.4 75.3 72.0 60.2	1275.6 1274.7 1278.0 1289.8	1101
04N/16W-16N02	5	19	1096.0	11/27/72 4/04/73	20.7 16.9	1075.3 1079.1	1101	04N/16W-33L01	5	19	1285.0	11/29/72 4/06/73	179.0 164.7	1106.0 1120.1	1101
04N/16W-16F01	5	19	1102.4	11/01/72 12/08/72 1/31/73 3/02/73 4/04/73 5/01/73 7/02/73 8/01/73 9/05/73	21.7 20.7 19.3 16.8 16.7 17.3 19.3 20.4 21.1	1080.7 1081.7 1083.1 1085.6 1085.7 1085.1 1083.1 1082.0 1081.3	1101	04N/16W-34A03	5	19	1200.0	4/06/73	116.0	1084.0	1101
04N/16W-16Q03	5	19	1115.8	12/28/72 3/02/73 4/04/73 9/05/73	26.6 22.5 22.3 20.7	1089.2 1093.3 1093.5 1085.1	1101	04N/16W-34J01	5	19	1230.6	11/29/72 4/06/73	NM-8 NM-8	1101	
04N/16W-16R01	5	19	1127.0	11/28/72 4/04/73	12.2 25.2	1094.8 1101.8	1101	04N/16W-34J02	5	19	1231.0	11/29/72 4/06/73	129.2 127.4	1101.4 1103.6	1101
04N/16W-17A05	5	19	1089.0	11/27/72 4/04/73	15.3 12.0	1073.7 1077.0	1101	04N/16W-34L01	5	19	1216.4	10/03/72 11/01/72 12/08/72 1/05/73 3/02/73 4/10/73 5/01/73 6/05/73 7/02/73 8/01/73 9/05/73	127.3 127.6 128.1 128.1 126.0 121.6 121.4 121.5 122.6 123.9 125.0	1099.1 1098.8 1098.3 1098.3 1100.4 1104.8 1105.0 1104.4 1103.8 1102.5 1101.4	1101
04N/16W-17C01	5	19	1056.0	11/27/72 4/04/73	11.2 9.0	1044.8 1047.0	1101	04N/16W-34L02	5	19	1227.1	10/03/72 11/01/72 12/08/72 1/14/73 3/02/73 4/10/73 5/01/73 6/05/73 7/02/73 8/01/73 9/05/73	126.6 127.2 127.9 126.2 123.0 116.7 116.2 117.9 119.3 120.7 122.5	1100.5 1099.9 1099.2 1100.4 1104.1 1110.4 1110.9 1109.2 1107.8 1106.4 1104.6	1101
04N/16W-17D01	5	19	1048.0	11/27/72 4/04/73	15.3 13.4	1032.7 1034.6	1101	04N/16W-35K01	5	19	1270.0	11/29/72 4/06/73	160.6 100.2	1109.4 1169.8	1101
04N/16W-17J02	5	19	1095.0	11/27/72 4/04/73	74.8 63.2	1020.2 1031.8	1101	04N/16W-35L01	5	19	1249.0	11/29/72 4/06/73	NM-2 NM-1	1101	
04N/16W-18A02	5	19	1043.8	10/04/72 11/01/72 12/08/72 1/31/73 3/02/73 4/04/73 5/01/73 7/02/73 8/01/73 9/05/73	13.8 14.2 13.3 12.8 12.2 11.9 13.0 13.4 14.1 13.3	1030.0 1029.6 1030.5 1031.0 1031.6 1031.9 1030.8 1030.4 1029.7 1030.5	1101	04N/16W-35M04	5	19	1236.5	4/06/73	NM-1	1101	
04N/16W-18R01	5	19	1030.0	11/27/72 4/04/73	9.7 8.4	1020.3 1021.6	1101	04N/16W-36M04	5	19	1286.0	11/29/72 4/06/73	167.2 165.5	1118.8 1120.5	1101
04N/16W-18F04	5	19	1022.6	11/27/72 4/04/73	5.2 4.8	1017.4 1017.8	1101	04N/16W-36M05	5	19	1286.0	11/29/72 4/06/73	165.5 169.0	1120.5 1117.0	1101
04N/16W-20R02	5	19	1092.0	11/27/72 4/05/73	16.5 13.1	1075.5 1078.9	1101	04N/16W-36Q01	5	19	1330.0	11/29/72 4/06/73	154.5 126.2	1175.5 1203.8	1101
04N/16W-21M02	5	19	1133.0	10/04/72 11/01/72 12/08/72 1/31/73 3/02/73 4/05/73 5/01/73 7/02/73 8/01/73 9/05/73	45.6 44.0 40.6 38.2 35.9 35.0 38.6 44.2 46.1 45.6	1087.4 1089.0 1092.4 1094.8 1097.1 1098.0 1094.4 1088.8 1086.9 1087.4	1101	04N/16W-36R01	5	19	1350.0	11/29/72 4/06/73	96.3 91.7	1253.7 1258.3	1101
04N/16W-22C07	5	19	1130.0	12/06/72 4/05/73	33.2 28.2	1096.8 1101.8	1101	04N/17W-01A01	5	19	1066.0 1043.4 1066.0	10/16/72 11/28/72 1/10/73 2/06/73 3/13/73 4/03/73 5/02/73 6/05/73 7/10/73 8/09/73 9/07/73	29.7 2.8 14.2 15.3 14.4 14.8 16.4 17.3 21.0 23.6 23.3	1036.3 1040.6 1051.8 1050.7 1051.6 1051.2 1049.6 1048.7 1045.0 1042.4 1042.7	5050 1101 5050
04N/16W-22D02	5		1128.0	11/28/72 12/06/72 4/05/73			1101								
04N/16W-22D03	5	19	1136.7	11/28/72 4/05/73	42.1 36.8	1094.6 1101.9	1101	04N/17W-01C01	5	19	1060.0	11/28/72 4/04/73	5.8 22.3	1054.2 1037.7	1101
04N/16W-23A02	5	19	1198.9	11/28/72	12.4	1186.5	1101	04N/17W-01J01	5	19	1052.9	10/16/72 11/29/72 1/10/73 2/06/73 3/13/73 4/03/73 5/02/73 6/05/73 7/10/73 8/09/73 9/07/73	31.2 13.0 10.4 11.2 10.7 11.2 13.4 16.4 18.4 21.7 22.4	1021.7 1039.9 1042.5 1041.7 1042.2 1041.7 1039.5 1036.5 1034.5 1031.2 1030.5	5050
04N/16W-23G01	5	19	1195.0	11/30/72 4/05/73	12.8 8.1	1182.2 1184.9	1101	04N/17W-03K02	5	19	1261.0	11/28/72 4/04/73	116.5 111.5	1144.5 1149.5	1101
04N/16W-23H01	5	19	1205.4	11/28/72 4/05/73	14.2 10.4	1191.2 1195.0	1101	04N/17W-12R02	5	19	1043.0 1039.0 1043.0	10/16/72 11/28/72 1/10/73 2/06/73 3/13/73 4/03/73	34.0 17.7 15.4 15.5 14.3 14.8	1009.0 1021.3 1027.6 1027.5 1028.7 1028.2	5050 1101 5050
04N/16W-24A05	5	19	1260.1	11/28/72 4/05/73	19.2 17.2	1240.9 1242.9	1101								
04N/16W-24R03	5	19	1241.0	11/28/72 4/05/73	13.4 11.9	1227.6 1229.1	1101								
04N/16W-24H01	5	19	1269.0	11/28/72 4/05/73	23.5 24.7	1245.5 1244.3	1101								
04N/16W-27J01	5	19	1188.0	11/01/72 12/28/72 3/02/73 4/05/73 7/02/73 9/05/73	93.4 92.5 86.8 83.9 88.4 91.9	1094.6 1095.5 1101.2 1104.1 1099.6 1096.1	1101								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA								SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA							
04N/17W-12802	5	19	1043.0	5/02/73	17.2	1025.8	5050	05N/14W-31F04	5	19	1950.0	4/12/73	29.6	1920.4	1101
(CONTINUED)				6/05/73	19.0	1024.0									
				7/10/73	22.7	1020.3		05N/14W-31L01	5	19	1920.0	11/30/72	NM-2		1101
				8/09/73	27.8	1015.2						12/12/72	NM-2		
				9/07/73	26.2	1016.8						4/12/73	NM-2		
04N/17W-12803	5	19	1028.5	11/28/72	20.5	1008.0	1101	05N/15W-05M01	5	19	1412.0	12/06/72	12.2	1399.8	1101
				12/28/72	13.2	1015.3						4/05/73	15.4	1396.6	
				1/23/73	13.0	1015.5		05N/15W-21001	5	19	1627.5	4/12/73	25.0	1602.5	1101
				8/30/73	22.9	1005.6		05N/15W-28F01	5	19	1600.0	4/12/73	48.2	1551.8	1101
04N/17W-12601	5	19	1020.6	10/13/72	28.1	992.5	1101	05N/15W-28G01	5	19	1625.0	12/06/72	68.5	1556.5	1101
				11/28/72	22.3	998.3						4/12/73	53.0	1572.0	
				12/28/72	20.2	1000.4		05N/15W-32P02	5	19	1492.0	12/06/72	29.0	1463.0	1101
				4/04/73	19.8	1000.8						4/12/73	29.7	1462.3	
				7/09/73	21.3	999.3		05N/15W-33F04	5	19	1513.0	12/06/72	39.9	1473.1	1101
				8/30/73	20.0	1000.6						4/12/73	47.8	1465.2	
04N/17W-12P01	5	19	991.9	11/27/72	13.1	978.8	1101	05N/15W-33F05	5	19	1528.0	11/01/72	45.7	1482.3	1101
				12/28/72	12.4	979.5						1/02/73	52.1	1475.9	
				1/23/73	12.2	979.7						3/02/73	57.1	1470.9	
				4/04/73	14.0	977.9		05N/15W-33F06	5	19	1495.0	12/06/72	39.3	1455.7	1101
				7/09/73	14.5	977.4						4/12/73	80.2	1529.8	1101
				8/30/73	15.5	976.4		05N/15W-33K01	5	19	1610.0	12/06/72	79.3	1530.7	1101
04N/17W-12R01	5	19	1012.0	12/08/72	20.1	991.9	1101	05N/16W-34P01	5	19	1233.0	11/28/72	28.7	1204.3	1101
				4/04/73	19.4	992.6						4/04/73	20.0	1213.0	
04N/17W-12R03	5	19	1013.4	10/04/72	15.9	997.5	1101	05N/16W-34P02	5	19	1235.0	1/23/73	34.3	1200.7	1101
				11/01/72	16.3	997.1						3/02/73	28.8	1206.2	
				12/08/72	16.2	997.2						4/04/73	24.3	1210.7	
				1/10/73	10.5	1002.9		05N/16W-36R02	5	19	1474.0	12/06/72	NM-6		1101
				3/02/73	13.3	1000.1						5/01/73	23.9	1211.1	
				4/04/73	13.4	1000.0		05N/17W-24001	5	19	1150.0	10/13/72	33.3	1116.7	1101
				5/01/73	14.0	999.4						11/28/72	29.0	1121.0	
				7/02/73	13.9	999.5						12/28/72	29.1	1120.9	
				8/01/73	12.9	1000.5						4/04/73	30.6	1119.4	
04N/17W-13C01	5	19	981.9	11/27/72	-1.4	983.3	1101	05N/17W-25R01	5	19	1145.0	10/16/72	37.4	1107.4	5050
				4/04/73	7.2	974.7						11/29/72	33.7	1111.3	
04N/17W-13C02	5	19	986.0	10/16/72	16.7	969.3	5050					1/10/73	32.2	1112.9	
				11/01/72	16.7	967.1	1101					2/06/73	31.7	1113.3	
				12/28/72	13.5	970.3						3/13/73	30.5	1114.5	
				1/10/73	14.4	971.6	5050					4/03/73	31.2	1113.9	
				2/06/73	14.3	971.7	1101					5/02/73	31.9	1113.1	
				3/02/73	12.6	971.2	1101					6/05/73	32.1	1112.4	
				4/03/73	15.2	970.8	5050					7/10/73	32.3	1112.7	
				5/01/73	13.6	970.2	1101					8/09/73	32.3	1112.7	
				6/05/73	15.5	970.5	5050					9/08/73	32.7	1112.3	
				7/02/73	14.0	969.8	1101								
				8/09/73	16.4	969.6	5050								
				9/07/73	16.5	969.5									
04N/17W-13E02	5	19	982.0	11/27/72	19.6	962.4	1101	05N/17W-25R02	5	19	1140.0	10/16/72	29.5	1110.5	5050
				4/04/73	19.5	962.5						11/29/72	27.4	1112.6	
04N/17W-13J01	5	19	1036.0	11/27/72	68.8	967.2	1101					1/10/73	26.1	1113.9	
				4/04/73	65.4	970.6						2/06/73	26.1	1113.9	
04N/17W-14002	5	19	958.0	11/27/72	17.3	940.7	1101					3/13/73	25.7	1114.3	
				4/04/73	17.8	940.2						4/03/73	26.3	1113.7	
04N/17W-14003	5	19	957.4	12/08/72	16.1	941.3	1101					5/02/73	27.1	1112.9	
04N/17W-15N01	5		996.0	11/27/72	FLOW		1101					6/05/73	27.2	1112.8	
				4/04/73	FLOW							7/10/73	27.6	1112.4	
04N/17W-21C02	5	19	1010.0	11/27/72	18.8	991.2	1101					9/07/73	27.2	1112.8	
				4/04/73	14.9	995.1									
04N/17W-22E01	5	19	897.6	11/27/72	1.7	895.9	1101	05N/17W-25R04	5	19	1136.0	10/16/72	23.4	1112.6	5050
				4/04/73	1.0	896.6						11/29/72	20.7	1115.3	
04N/17W-22E02	5	19	900.0	12/08/72	1.8	898.2	1101					1/10/73	20.1	1115.9	
				1/31/73	2.1	897.9						2/06/73	20.1	1115.9	
				3/02/73	1.5	898.5						3/13/73	19.9	1116.1	
				4/04/73	2.0	898.0						4/03/73	20.6	1115.4	
				5/01/73	16.0 (1)	884.0						5/02/73	21.4	1114.6	
				7/02/73	4.6	895.4						6/05/73	21.5	1114.5	
				9/05/73	3.5	896.5						7/10/73	21.9	1114.1	
04N/17W-22E04	5	19	889.6	11/27/72	-2.8	892.4	1101					8/09/73	22.1	1113.9	
04N/17W-23D01	5		949.7	11/27/72	18.1	931.6	1101					9/07/73	22.1	1113.9	
				4/04/73	18.1	931.6									
04N/17W-28L01	5	19	969.8	11/29/72	5.0	964.8	1101	05N/17W-25R05	5	19	1135.0	10/16/72	21.6	1113.4	5050
				4/06/73	0.8	970.2						11/29/72	19.0	1110.0	
05N/14W-29P01	5	19	2265.0	11/30/72	48.4	2216.6	1101					1/10/73	18.6	1116.4	
				4/12/73	37.4	2227.6						2/06/73	18.7	1116.3	
05N/14W-30R02	5	19	2040.0	4/12/73	101.0 (14)	1939.0	1101					3/13/73	18.6	1116.4	
05N/14W-31C02	5	19	1953.0	11/01/72	62.2	1890.8	1101					4/03/73	19.3	1115.7	
				1/02/73	63.1	1889.9						5/02/73	19.9	1115.1	
				3/02/73	62.7	1890.3						6/05/73	20.1	1114.9	
				4/05/73	61.9	1891.1						7/10/73	20.5	1114.5	
				5/01/73	61.1	1891.9						8/09/73	20.7	1114.3	
				9/05/73	56.8	1896.2						9/08/73	20.8	1114.2	
05N/14W-31F04	5	19	1950.0	11/30/72	33.3	1916.7	1101	05N/17W-25R08	5	19	1150.0	10/13/72	37.3	1112.7	1101

See page 79 for key to terms & abbreviations





TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA CLARA-CALLFGUAS HYDRO UNIT CALLEGUAS-CONEJO HYDRO SUBUNIT WEST LAS POSAS HYDRO SUBAREA								SANTA CLARA-CALLFGUAS HYDRO UNIT CALI FGUAS-CONEJO HYDRO SUBUNIT EAST LAS ROSAS HYDRO SUBAREA							
U-03 U-03.F U-03.F1								U-03 U-03.F U-03.F2							
02N/21W-20D03 S 56			112.1	2/09/73	104.4	7.7	5121	03N/19W-29E02 S 56			852.0	8/08/73	265.4	586.6	5121
(CONTINUFO)				4/04/73	102.3	9.8		(CONTINUED)				9/27/73	270.7	581.3	
				5/31/73	109.4	2.7						10/05/72	690.0	310.0	5121
				8/07/73	111.1	1.0						12/01/72	689.0	311.0	
				9/25/73	108.2	3.9						4/06/77			
EAST LAS POSAS HYDRO SUBAREA								U-03.F2							
02N/19W-03A01 S			582.3	10/03/72	4.7	577.6	5121	03N/20W-23L01 S 56			1000.0	6/12/73			
				12/01/72	5.0	577.3						8/09/73			
				2/21/73	4.6	577.7						9/27/73			
				4/06/73	5.2	577.1		03N/20W-25H01 S 56			835.0	10/12/72	219.0	616.0	5121
				6/12/73	5.1	577.2						12/01/72	215.9	619.1	
				8/08/73	5.3	577.0						2/21/73	214.5	620.5	
				9/27/73	5.3	577.0						4/06/73	214.7	620.3	
02N/19W-04K01 S 56			526.7	10/05/72	98.7	428.0	5121					6/12/73	217.3	617.7	
				12/01/72	97.7	429.0						8/08/73	220.8	614.2	
				2/21/73	92.3	434.4						9/27/73			
				4/05/73	87.1	439.6		ARROYO SANTA ROSA HYDRO SUBAREA							
				6/12/73	85.0	441.7		02N/19W-19L01 S 56			346.0	10/12/72	63.8	282.2	5121
				8/08/73	86.8	439.9						12/06/72	62.0	284.0	
				9/27/73	87.8	438.9						2/21/73	63.8	282.2	
02N/19W-05H01 S 56			477.6	10/05/72	213.4	264.2	5121					4/10/77	65.0	281.0	
				12/01/72	211.0	266.6						5/31/77	65.4	280.6	
				2/09/73	208.8	268.8						8/09/77	64.2	281.8	
				4/05/73	206.6	271.0						9/20/77	64.2	281.8	
				6/12/73	203.8	273.8		02N/19W-19R02 S 56			291.4	12/06/72	136.3	155.1	5121
				8/08/73	202.1	275.5						2/21/73	125.9	165.5	
				9/27/73	201.9	275.7						4/10/77	121.0	170.4	
02N/19W-06F01 S 56			615.0	12/01/72	380.7	234.3	5121					5/31/73	125.7	165.7	
				2/09/73	378.5	236.5						9/20/73	136.3	155.1	
				4/05/73	377.4	237.6		02N/19W-20L01 S 56			304.5	10/12/72	182.5	122.0	5121
				6/12/73	379.0	236.0						2/16/77	157.6	146.9	
				8/08/73	380.2	234.8						4/10/77	150.3	154.2	
				9/27/73	383.7	231.3						5/31/77	150.4	154.1	
02N/19W-06N03 S 56			442.8	10/04/72	83.2	359.6	5121					8/08/77	158.3	146.2	
				12/01/72	82.9	359.9						9/20/77	144.7	159.2	
				2/09/73	79.7	363.1		02N/19W-21C02 S 56			489.6	10/12/72	106.1	383.5	5121
				4/06/73	79.1	363.7						12/06/72	96.3	393.7	
				6/12/73	80.4	362.4						2/16/77	94.0	395.6	
				8/08/73	82.0	360.8						4/10/77	91.5	398.1	
				9/27/73	81.3	361.5						5/31/77	89.6	400.0	
02N/19W-07A03 S 56			457.0	10/05/72	93.2	363.8	5121					8/08/77	87.7	401.9	
				12/01/72	92.9	364.1						9/20/77	86.5	403.1	
				2/09/73	92.1	364.9		02N/20W-22H01 S 56			281.6	10/12/72	209.7	71.9	5121
				4/05/73	94.0	363.0						12/06/72	207.9	73.7	
				6/12/73	97.0	360.0						2/21/73	200.3	81.3	
				8/08/73	101.6	355.4						5/31/73	198.5	83.1	
				9/27/73	91.7	365.3						8/09/77	201.5	80.1	
02N/19W-08G03 S 56			491.4	10/05/72	121.5	369.9	5121					9/20/77	203.2	78.4	
				12/01/72	119.5	371.9		02N/20W-23K01 S 56			272.7	10/12/72	198.1	74.6	5121
				2/09/73	118.9	372.5						12/06/72	189.5	83.1	
				4/05/73	115.4	376.0						2/21/73	176.4	96.3	
				6/12/73	113.2	378.2						4/10/77	172.6	100.1	
				9/27/73	113.0	378.4						5/31/73	181.8	90.9	
02N/20W-06R01 S 56			557.1	10/04/72	154.8	402.3	5121					8/09/73	190.3	82.4	
				11/30/72	155.2	401.9						9/27/73	191.7	81.0	
				2/09/73	155.3	401.8		02N/20W-23R01 S 56			234.6	10/12/72	57.7	176.9	5121
				4/05/73	155.4	401.7						12/06/72	52.7	181.9	
				6/08/73	149.4	407.7						2/21/73	47.7	186.9	
				8/07/73	155.9	401.2						4/10/77	40.9	193.7	
				9/27/73	156.1	401.0						5/31/73	43.3	191.3	
02N/20W-10G01 S 56			415.1	10/04/72	348.6(1)	66.5	5121					8/09/73	25.4	209.7	
				11/30/72	315.0	100.1						9/20/77	47.4	187.2	
				2/09/73	307.9	107.2		02N/20W-25L01 S 56			235.2	10/12/72	41.7	193.5	5121
				4/05/73	299.0	116.1						12/06/72	33.5	201.7	
				9/27/73	308.4	106.7						2/21/73	22.2	213.0	
02N/20W-10J01 S 56			400.0	10/04/72	300.0	100.0	5121					4/10/77	22.2	213.0	
				11/30/72	297.0	103.0						5/31/77	23.8	211.4	
				2/09/73	290.5	109.5						8/09/77	28.9	206.3	
				4/05/73	286.0	114.0						9/20/73	30.0	205.2	
				6/08/73	285.2	114.8		02N/20W-26R03 S 56			205.5	10/12/72	28.0	177.5	5121
				8/07/73	289.6	110.4						12/06/72	21.6	183.9	
				9/27/73	292.3	107.7						2/21/73	16.6	188.9	
02N/20W-12G02 S 56			420.0	10/04/72	70.5	349.5	5121					4/10/77	16.2	189.3	
				12/01/72	70.2	349.8						5/31/73	18.8	186.7	
				2/09/73	68.5	351.5						8/09/73	19.6	185.9	
				4/05/73	69.7(2)	350.3						9/20/77	19.8	185.7	
				6/08/73	66.5	353.5		CONFJO VALLFY HYDRO SUBAREA							
				8/07/73	69.9	350.1		01N/19W-07K16 S 19			634.6	12/06/72	20.1	614.5	5121
				9/27/73	69.9	350.1						2/27/77	18.6	616.0	
02N/20W-12J01 S 56			428.7	10/04/72	202.2	226.5	5121					4/10/73	7.6	627.0	
				12/01/72	202.1	226.6						5/30/73	39.6	595.0	
				2/09/73	201.4	227.3						8/09/73	31.1	603.5	
				4/05/73	200.4	228.3						9/25/73	17.8	616.8	
				8/07/73	206.0	222.7		01N/20W-03J01 S 56			762.9	10/10/72	69.4	693.5	5121
				9/27/73	222.9	205.8						2/27/73	60.1	702.8	
03N/19W-29F02 S 56			852.0	2/21/73	258.9	593.1	5121					4/10/73	43.5	719.4	
				4/06/73	247.0	605.0						5/30/73	50.3	712.6	
				6/12/73	254.4	597.6						8/09/73	61.7	701.2	

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA CLARA-CALLEGUAS HYDRO UNIT CALLEGUAS-CONEJO HYDRO SUBUNIT CONEJO VALLEY HYDRO SUBAREA							U-03 U-03.F U-03.F4	SANTA CLARA-CALLEGUAS HYDRO UNIT CALLEGUAS-CONEJO HYDRO SUBUNIT SIMI VALLEY HYDRO SUBAREA							U-03 U-03.F U-03.F7
01N/20W-03J01 S	56		762.9	9/25/73	57.6	705.3	5121	02N/18W-13C01 S (CONTINUED)			939.2	4/06/73	52.6	886.6	5121
01N/20W-15R03 S	56		720.0	10/10/72	12.7	707.3	5121					5/31/73	52.9	886.3	
				12/08/72	12.3	707.7						8/08/73	52.1	887.1	
				2/27/73	12.2	707.8						9/20/73	53.1	886.1	
				4/10/73	12.0	708.0		02N/18W-14C03 S	56		883.2	10/05/72	68.7	814.5	5121
				5/30/73	12.0	708.0						12/01/72	68.1	815.1	
				8/09/73	12.0	708.0						2/16/73	67.3	815.9	
				9/25/73	14.0	706.0						4/06/73	64.1	819.1	
TIERRA REJADA VALLEY HYDR SUBAREA							U-03.F5	THOUSAND OAKS HYDRO SUBAREA							U-03.F8
02N/19W-10R01 S			618.6	10/06/72	199.3	419.3	5121	01N/19W-02L01 S	56		945.2	10/06/72	95.4	849.8	5121
				12/06/72	198.9	419.7						12/07/72	72.0	873.2	
				2/16/73	197.9	420.7						2/27/73	72.5	872.7	
				4/06/73	197.3	421.3						4/10/73	68.8	876.4	
				5/31/73	196.1	422.5						5/30/73	69.1	876.1	
				8/08/73	195.5	423.1						8/09/73	70.3	874.9	
				9/20/73	195.1	423.5						9/25/73	70.7	874.5	
02N/19W-11J02 S	56		717.2	10/06/72	144.9	572.3	5121	01N/19W-09H02 S	19		764.0	10/06/72	66.4	697.6	5121
				12/06/72	144.7	572.5						12/07/72	68.4	695.6	
				2/16/73	148.5	568.7						2/27/73	68.2	695.8	
				4/06/73	144.2	573.0						4/10/73	71.9	692.1	
				5/31/73	143.8	573.4						5/30/73	68.7	695.3	
				8/08/73	144.2	573.0						8/09/73	68.2	695.8	
				9/20/73	144.2	573.0						9/25/73	68.4	695.6	
02N/19W-14P01 S	56		677.4	12/06/72	36.8	640.6	5121	01N/19W-11001 S			902.6	10/09/72	42.9	859.7	5121
				2/21/73	33.5	643.9						12/08/72	43.3	859.3	
				4/06/73	32.9	644.5						2/27/73	42.6	860.0	
				8/08/73	34.8	642.6						4/10/73	42.1	860.5	
				9/20/73	34.4	643.0						5/30/73	39.5	863.1	
02N/19W-15F02 S	56		500.0	10/06/72	189.0	311.0	5121					8/09/73	40.3	862.3	
				12/06/72	186.2	313.8						9/25/73	40.5	862.1	
				2/16/73	185.4	314.6		01N/19W-14K04 S	19		907.9	10/10/72	38.6	869.3	5121
				4/06/73	182.5	317.5						12/08/72	38.2	869.7	
				5/31/73	181.2	318.8						2/27/73	38.4	869.5	
				8/08/73	179.6	320.4						4/10/73	37.9	870.0	
				9/20/73	179.6	320.4						5/30/73	35.6	872.3	
SIMI VALLEY HYDRO SUBAREA							U-03.F7	THOUSAND OAKS HYDRO SUBAREA							U-03.F8
02N/17W-06J01 S	56		1039.4	10/06/72	60.8	978.6	5121	01N/19W-15E01 S	19		902.6	10/10/72	29.7	872.9	5121
				12/01/72	60.5	978.9						12/08/72	40.0	862.6	
				2/16/73	60.8	978.6						2/27/73	28.8	873.8	
				4/06/73	58.7	980.7						4/10/73	25.8	876.8	
				5/31/73	57.0	982.4						5/30/73	25.7	876.9	
				8/08/73	57.5	981.9						8/09/73	26.2	876.4	
				9/20/73	58.6	980.8						9/25/73	27.2	875.4	
02N/17W-08J03 S	56		1015.5	12/01/72	14.6	1000.9	5121	02N/18W-31K01 S			1148.5	10/06/72	34.6	1113.9	5121
				2/16/73	12.9	1002.6						12/07/72	33.7	1114.8	
				4/06/73	NM-7							2/27/73	33.5	1115.0	
				5/31/73	NM-7							5/30/73	36.4	1112.1	
				8/08/73	NM-7							8/09/73	36.6	1111.9	
				9/20/73	NM-4							9/28/73	28.4	1120.1	
02N/17W-09N05 S	56		1047.8	10/06/72	20.7	1027.1	5121	02N/19W-35J01 S			1001.4	10/06/72	38.0	963.4	5121
				12/01/72	19.6	1028.2						12/07/72	35.8	965.6	
				2/16/73	17.4	1030.4						2/27/73	21.8	979.6	
				4/06/73	14.1	1033.7						5/30/73	19.0	982.4	
				5/31/73	16.1	1031.7						8/09/73	21.8	979.6	
				8/08/73	17.8	1030.0						9/28/73	37.4	964.0	
				9/20/73	17.4	1030.4									
02N/18W-07F04 S	56		753.4	10/06/72	65.3	688.1	5121								
				12/06/72	65.5	687.9									
				2/16/73	65.2	688.2									
				4/06/73	65.1	688.3									
				5/31/73	64.1	689.3									
				8/08/73	64.4	689.0									
				9/20/73	64.6	688.8									
02N/18W-08C02 S	56		746.4	10/05/72	7.7	738.7	5121								
				12/01/72	5.8	740.6									
				2/23/73	4.2	742.2									
				4/06/73	4.2	742.2									
				5/31/73	1.7	744.7									
				8/08/73	1.0	745.4									
				9/20/73	0.8	745.6									
02N/18W-09M01 S	56		777.7	10/05/72	25.3	752.4	5121								
				12/01/72	23.3	754.4									
				2/16/73	20.7	757.0									
				4/06/73	19.0	758.7									
				5/31/73	17.1	760.6									
				8/08/73	16.3	761.4									
				9/20/73	14.7	763.0									
02N/18W-09N01 S	56		787.0	10/05/72	38.1	748.9	5121								
				12/01/72	35.6	751.4									
				2/16/73	33.7	753.3									
				4/06/73	32.1	754.9									
				5/31/73	30.3	756.7									
				8/08/73	29.1	757.9									
				9/20/73	29.1	757.9									
02N/18W-13C01 S			939.2	10/06/72	64.9	874.3	5121								
				12/01/72	68.3	870.9									
				2/16/73	53.4	885.8									

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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	
MALIBU HYDRO UNIT							U-04	MALIBU HYDRO UNIT							U-04	
TOPANGA HYDRO SUBUNIT							U-04.A	MALIBU CREEK HYDRO SUBUNIT							U-04.B	
TOPANGA CANYON HYDRO SUBAREA							U-04.A1	SHERWOOD HYDRO SUBAREA							U-04.R6	
01S/16W-18L02	S		921.0	12/21/72	55.9	865.1	1101	01N/20W-24H02	S	19	1126.0	12/08/72	63.2	1062.8	5121	
				4/05/73	41.7	879.3		(CONTINUED)					58.5	1067.5		
PIEDRA GORDA CANYON HYDRO SUBAREA							U-04.A4						4/10/73	44.2	1081.8	
01S/17W-36D01	S	19	825.0	12/21/72	356.5	468.5	1101						48.0	1078.0		
				4/17/73	359.9	465.1							8/09/73	53.8	1072.2	
01S/17W-36G05	S	19	218.0	10/02/72	104.6(4)	113.4	1101	POINT DUME HYDRO SUBUNIT							U-04.C	
				11/01/72	81.3	136.7		RAMERA CANYON HYDRO SUBAREA							U-04.C5	
				12/18/72	80.9	137.1		01S/18W-32P01	S		120.0	12/27/72	15.6	104.4	1101	
				1/03/73	84.4	133.6							11.4	108.6		
				2/06/73	79.1	138.9		01S/18W-32P02	S	19	135.0	12/27/72	21.0	114.0	1101	
				3/12/73	76.6	141.4							16.1	118.9		
				5/03/73	106.9(4)	111.1		01S/18W-34H01	S	19	125.0	12/27/72	47.3	77.7	1101	
01S/17W-36H02	S	19	250.0	12/21/72	35.5	214.5	1101						45.1	79.9		
				4/17/73	34.5	215.5		02S/18W-05R01	S	19	100.0	12/27/72	26.8	73.2	1101	
LAS FLORES CANYON HYDRO SUBAREA							U-04.A5						4/16/73	12.0	88.0	
01S/17W-26F01	S		325.0	12/21/72	FLOW		1101	02S/18W-05C01	S	19	125.0	12/27/72	36.4	88.6	1101	
				4/17/73	FLOW								27.2	97.8		
MALIBU CREEK HYDRO SUBUNIT							U-04.R	MALIBU CREEK HYDRO SUBAREA							U-04.B1	
01S/17W-29F01	S	19	80.0	12/21/72	10.0	70.0	1101	02S/18W-05C02	S	19	100.0	12/27/72	6.7	93.3	1101	
				4/16/73	10.4	69.6							5.7	94.3		
01S/17W-29N01	S	19	59.4	12/21/72	28.2	31.2	1101	02S/18W-05C04	S	19	100.0	12/27/72	18.9	81.1	1101	
				4/16/73	16.4	43.0							7.0	93.0		
01S/17W-29N02	S	19	63.8	12/21/72	26.1	37.7	1101	02S/18W-05C05	S	19	125.0	12/27/72	18.2	106.8	1101	
				4/16/73	12.8	51.0		02S/18W-05F01	S	19	200.0	12/27/72	62.0	138.0	1101	
													55.7	144.3		
01S/17W-29P01	S	19	35.0	12/21/72	20.1	14.9	1101	ZUMA CANYON HYDRO SUBAREA							U-04.C6	
				4/17/73	18.0	17.0		01S/18W-31N01	S		90.0	12/27/72	79.8	10.2	1101	
01S/17W-32F01	S	19	19.7	12/21/72	12.6	7.1	1101						15.1	74.9		
				4/17/73	12.2	7.5		02S/18W-06F01	S	19	66.6	4/16/73	10.8	55.8	1101	
01S/17W-32F02	S	19	21.9	12/21/72	13.6	8.3	1101	02S/18W-06F02	S	19	66.0	4/16/73	14.9	51.1	1101	
				4/17/73	13.1	8.8		02S/18W-06M01	S	19	54.0	12/27/72	43.1	10.9	1101	
01S/17W-32F03	S	19	16.3	12/21/72	9.9	6.4	1101						23.2	30.8		
				4/17/73	9.6	6.7		02S/18W-06M02	S	19	45.0	12/27/72	38.0	7.0	1101	
01S/17W-32G01	S	19	12.5	12/21/72	7.8	4.7	1101						12.9	32.1		
				4/17/73	7.8	4.7		TRANCAS CANYON HYDRO SUBAREA							U-04.C7	
01S/17W-32L04	S	19	15.2	12/21/72	9.1	6.1	1101	01S/18W-29P01	S		275.0	12/27/72	9.6	265.4	1101	
				4/17/73	8.9	6.3							6.1	268.9		
01S/17W-32L05	S	19	21.0	12/21/72	13.7	7.3	1101	01S/18W-29N01	S		690.0	12/27/72	NM-2		1101	
				4/17/73	14.9	6.1							NM-6			
01S/17W-32L07	S	19	13.0	12/21/72	7.1	5.9	1101	01S/18W-35P01	S	19	25.0	4/16/73	10.9	14.1	1101	
				4/17/73	7.4	5.6		01S/18W-35O02	S	19	23.0	12/27/72	14.8	8.2	1101	
01S/17W-32M01	S	19	12.5	12/21/72	2.6	9.9	1101						6.9	16.1		
				4/17/73	2.5	10.0		CAMARILLO HYDRO SUBUNIT							U-04.D	
LAS VIRGENES CANYON HYDRO SUBAREA							U-04.B2	NICHOLAS CANYON HYDRO SUBAREA							U-04.D1	
01N/17W-30P02	S	19	703.0	12/26/72	28.0	675.0	1101	01S/19W-30N01	S	19	400.0	12/27/72	118.7	281.3	1101	
				4/17/73	26.6	676.4							105.6	294.4		
01N/17W-31C01	S		703.0	12/26/72	28.3	674.7	1101	ARROYO SFOUIT HYDRO SUBAREA							U-04.D4	
				4/17/73	26.8	676.2		01S/20W-25F01	S	19	54.0	12/27/72	28.5	25.5	1101	
01N/18W-24J01	S	19	1119.4	12/26/72	206.5	912.9	1101						8.0(18)	46.0		
				4/17/73	203.5	917.0		SHERWOOD HYDRO SUBAREA							U-04.R6	
01N/18W-24J02	S	19	1106.4	12/26/72	216.0	890.4	1101	01N/19W-19L02	S	19	1082.0	10/10/72	86.0	996.0	5121	
				4/17/73	208.0	898.4							89.2	992.8		
													82.4	999.6		
													67.7	1014.3		
													5/30/73	62.7	1019.3	
													8/09/73	65.2	1016.8	
													9/25/73	68.6	1013.4	
01N/19W-28A01	S	56	963.3	10/10/72	25.2	938.1	5121	CAMARILLO HYDRO SUBUNIT							U-04.D	
				12/08/72	22.8	940.5		NICHOLAS CANYON HYDRO SUBAREA							U-04.D1	
				2/27/73	4.0	959.3		01S/19W-30N01	S	19	400.0	12/27/72	118.7	281.3	1101	
				4/10/73	3.3	960.0							105.6	294.4		
				5/30/73	4.7	958.6		ARROYO SFOUIT HYDRO SUBAREA							U-04.D4	
				8/09/73	13.8	949.5		01S/20W-25F01	S	19	54.0	12/27/72	28.5	25.5	1101	
				9/25/73	14.1	949.2							8.0(18)	46.0		
01N/19W-30A01	S	19	998.2	12/08/72	24.0	974.2	5121									
				2/27/73	10.9	987.3										
				4/10/73	6.0	992.2										
				5/30/73	8.1	990.1										
				8/09/73	12.9	985.3										
				9/28/73	15.0	983.2										
01N/20W-24H02	S	19	1126.0	10/10/72	60.0	1066.0	5121									

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SURUNIT WEST COAST HYDRO SUBAREA							
								U-05 U-05.A U-05.A2							
025/14W-19K02	5	19	57.0	4/04/73	79.1	-22.1	5050	035/13W-19J03	5	19	72.7	12/18/72 4/03/73	110.2 109.5	-37.9 -37.2	1101
025/14W-19K03	5	19	57.0	4/04/73	84.4	-27.4	5050	035/13W-19K02	5	19	45.0	4/09/73	79.6	-34.6	5050
025/14W-19M02	5	19	30.0	12/14/72 4/18/73	51.8 51.6	-21.8 -21.6	1101	035/13W-19003	5	19	48.0	4/11/73	NM-5		5050
025/14W-27M01	5	19	155.0	10/31/72 11/30/72 12/27/72 1/27/73 2/25/73 3/28/73 4/04/73 5/24/73 6/28/73 7/30/73 8/30/73 9/25/73	226.2(6) 227.3(6) 228.7(6) 230.7(6) 225.7(6) 227.7(6) 223.8 226.7(6) 229.7(6) 227.7(6) 227.7(6) 227.7(6)	-71.2 -72.3 -73.7 -75.7 -70.7 -72.7 -68.8 -71.7 -74.7 -72.7 -72.7 -72.7	5061	035/13W-20C01	5	19	104.2	4/09/73	143.9	-39.7	5050
025/14W-27P02	5	19	162.0	12/13/72 4/17/73	239.3 240.0	-77.3 -78.0	1101	035/13W-29A02	5	19	67.0	4/09/73	105.4	-38.4	5050
025/14W-28F01	5	19	108.0	4/04/73 5/24/73 6/28/73	140.4 138.2(6) 140.2(6)	-32.4 -30.2 -32.2	5050 5061	035/13W-29C0A	5	19	53.7	4/10/73	128.1(4)	-74.4	5050
025/14W-28L01	5	19	124.0	4/12/73	162.6	-38.6	5050	035/13W-29D0A	5	19	49.0	4/17/73	126.0	-77.0	5050
025/14W-28M01	5		100.0	10/31/72 11/30/72 12/26/72 1/27/73 2/25/73 4/04/73	NM-6 NM-6 NM-6 NM-6 NM-6 NM-6		5061	035/13W-29D07	5	19	49.0	4/17/73	128.5	-79.5	5050
025/14W-29H01	5		87.5	10/31/72 11/30/72 1/27/73	133.2(5) 129.2(5) 132.2(5)	-45.7 -41.7 -44.7	5061	035/13W-29F03	5	19	44.0	4/10/73	61.2	-17.2	5050
			90.0	4/04/73	123.5	-33.5	5050	035/13W-29F11	5	19	50.0	4/10/73	95.0(4)	-45.0	5050
			87.5	5/24/73 6/28/73 7/30/73 8/30/73 9/25/73	118.2(6) 122.2(6) 120.2(6) 124.2(6) 124.2(6)	-30.7 -34.7 -32.7 -36.7 -36.7	5061	035/13W-29G03	5	19	61.0	4/10/73	101.6	-40.6	5050
025/14W-32C02	5	19	102.0	10/31/72 11/30/72 12/26/72 1/27/73 2/25/73 3/28/73 4/26/73 5/24/73 6/28/73 7/30/73 8/30/73 9/24/73	158.4(5) 163.4(5) 133.4(5) 161.4(5) 159.4(5) 174.9(5) 137.4 173.4(5) 177.4(5) 178.4(5) 175.4(5) 176.4(5)	-56.4 -61.4 -31.4 -59.4 -57.4 -72.9 -35.4 -71.4 -75.4 -76.4 -73.4 -74.4	5061	035/13W-29G0R	5	19	61.0	4/10/73	115.7(4)	-54.7	5050
025/14W-32F01	5	19	99.0	10/31/72 11/30/72 12/26/72 1/27/73 2/25/73 3/28/73 4/26/73 5/24/73 6/28/73 7/30/73 8/30/73 9/24/73	184.7(5) 183.7(5) 186.7(5) 186.7(5) 181.7(5) 198.0(5) 159.7(1) 196.7(5) 196.7(5) 190.7(5) 165.7(5) 166.7(5)	-85.7 -84.7 -87.7 -87.7 -82.7 -99.0 -60.7 -97.7 -97.7 -91.7 -66.7 -67.7	5061	035/13W-30A10	5	19	43.0	4/11/73	112.5	-69.5	5050
025/14W-34C01	5		142.0	4/04/73	235.0	-93.0	5050	035/13W-30H02	5	19	41.2	12/18/72 4/03/73	73.5 69.1	-32.3 -27.9	1101
025/14W-34C02	5	19	147.0	10/31/72 11/30/72 12/27/72 1/27/73 2/25/73 3/28/73 4/04/73 5/24/73 6/28/73 7/30/73 8/30/73 9/25/73	236.1(6) 231.1(6) 233.1(6) 234.1(6) 234.1(6) 234.1(6) 237.6 232.1(6) 237.1(6) 241.1(6) 242.1(6) 238.1(6)	-89.1 -84.1 -86.1 -87.1 -87.1 -87.1 -90.6 -85.1 -90.1 -94.1 -95.1 -91.1	5061	035/13W-30J01	5	19	36.2	4/10/73	104.7	-68.5	5050
025/14W-34L02	5		137.0	4/04/73	238.0	-101.0	5050	035/13W-30J05	5	19	35.0	4/10/73	70.1	-35.1	5050
025/15W-34F01	5	19	60.8	12/14/72 4/18/73	50.6 63.2	10.2 -2.4	1101	035/13W-30K01	5	19	39.5	4/11/73	70.3	-30.8	5050
025/15W-36H01	5	19	105.2	10/25/72 4/09/73	132.9 132.6	-27.7 -27.4	1104	035/13W-30K07	5	19	30.5	12/18/72 4/03/73	64.5 63.9	-34.0 -33.4	1101
035/13W-18G02	5	19	131.2	4/11/73	200.3	-69.1	5050	035/13W-31R07	5	19	26.0	4/11/73	72.0	-46.0	5050
035/13W-19001	5	19	70.0	12/13/72 4/17/73	118.3 104.0	-48.3 -34.0	1101	035/13W-31K01	5	19	20.0	4/05/73	NM-7		5050
035/13W-19002	5		81.0	12/13/72 4/17/73	124.0 118.3	-43.0 -37.3	1101	035/13W-31K02	5	19	15.0	4/05/73	15.1	-0.1	5050
								035/13W-32C01	5	19	34.9	4/05/73	67.4	-32.5	5050
								035/13W-32F02	5	19	25.0	4/11/73	70.9	-45.9	5050
								035/13W-32F07	5	19	46.0	4/05/73	114.2	-68.2	5050
								035/14W-02D01	5		136.0	4/04/73 5/24/73 6/28/73 7/30/73 8/30/73 9/25/73	236.2 234.4(6) 235.4(6) 234.4(6) 211.4(6) 225.4(6)	-100.2 -98.4 -99.4 -98.4 -75.4 -89.4	5050 5061
								035/14W-03M01	5	19	91.0	10/31/72 11/30/72 12/27/72 1/27/73 2/25/73 3/28/73 5/24/73 6/28/73 7/30/73 8/30/73 9/24/73	328.3(5) 332.3(5) 330.3(5) 332.3(5) 330.3(5) 329.3(6) 331.3(5) 320.3(5) 328.3(6) 332.3(6) 325.3(5)	-237.3 -241.3 -239.3 -241.3 -239.3 -238.3 -240.3 -229.3 -237.3 -241.3 -234.3	5061
								035/14W-03K01	5		76.0	10/28/72 12/28/72 1/28/73 2/21/73 3/28/73 4/03/73 5/28/73 6/14/73 7/28/73 8/28/73 9/28/73	226.0(11) 226.0(11) 228.0(11) 228.0(11) 145.0(5) 142.0(11) 234.0(11) 236.0(11) 141.0(5) 143.0(5) 249.0(11)	-150.0 -150.0 -152.0 -152.0 -69.0 -66.0 -158.0 -160.0 -65.0 -67.0 -173.0	5061
								035/14W-03K02	5			10/28/72 12/28/72 1/28/73 2/21/73 3/28/73 4/03/73 5/28/73 6/14/73 7/28/73 8/28/73 9/21/73	148.0(5) 139.0(5) 141.0(5) 233.0(11) 231.0(11) 230.0(11) 239.0(11) 240.0(11) 240.0(11) 238.0(11) 144.0(5)	-72.0 -63.0 -65.0 -157.0 -155.0 -154.0 -163.0 -164.0 -164.0 -162.0 -68.0	5061
								035/14W-03K03	5		76.0	12/28/72 1/28/73 2/07/73 3/28/73 4/28/73 5/28/73 6/14/73	187.0(11) 190.0(11) 190.0(11) 165.0(11) 166.0(11) 165.0(11) 166.0(11)	-111.0 -114.0 -114.0 -89.0 -90.0 -89.0 -90.0	5061

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	
LA-SAN GABRIEL RIVER HYDRO UNIT CD457AL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT U-05 PL OF LA CO HYDRO SUBUNIT U-05.A2 WEST COAST HYDRO SUBAREA								
035/14W-03K03 S (CONTINUED)			76.0	7/14/73 8/28/73 9/28/73	165.0(11) 163.0(11) 164.0(11)	-89.0 -87.0 -88.0	5061	035/14W-11D01 S (CONTINUED)	19		116.0	3/09/73 4/05/73 5/07/73 7/02/73 8/08/73 9/04/73	147.7 149.6 148.3 148.4 148.5 148.3	-31.7 -33.6 -32.3 -32.4 -32.5 -32.3	1101 5050 1101	
035/14W-04N01 S			74.0	10/21/72 12/28/72 1/28/73 2/28/73 3/28/73 4/03/73 5/28/73 6/28/73 7/14/73 8/20/73	193.0(11) 192.0(11) 193.0(11) 192.0(11) 192.0(11) 187.0(11) 150.0(5) 195.0(11) 193.0(11) 138.0(5)	-119.0 -118.0 -119.0 -118.0 -118.0 -113.0 -76.0 -121.0 -119.0 -64.0	5061	035/14W-11G02 S	19		160.0	4/03/73	354.9(1)	-204.9	5050	
035/14W-04N02 S 19			74.0	10/12/72 11/09/72 12/11/72 1/09/73 2/16/73 3/09/73 4/03/73 5/07/73 7/02/73 8/08/73 9/04/73	152.4 152.0 148.7 150.3 149.4 148.2 153.0(11) 145.0 143.4 144.4 143.9	-78.4 -78.0 -74.7 -76.3 -75.4 -74.2 -79.0 -71.0 -69.4 -70.4 -69.9	1101	035/14W-11J02 S	19		160.0	4/05/73	240.7	-80.7	5050	
035/14W-07R02 S			98.5	11/03/72 4/11/73	110.5 109.8	-12.0 -11.3	1101	035/14W-11N01 S	19		50.0	12/13/72 4/17/73	77.3 76.8	-27.3 -26.8	1101	
035/14W-07R03 S 19			98.5	11/03/72 4/11/73	109.9 109.8	-11.4 -11.3	1101	035/14W-13R02 S	19		127.0	10/21/72 12/28/72 4/03/73 2/28/73 4/03/73 6/28/73 7/14/73 8/20/73 9/21/73	329.0(1) 218.0(5) 209.5(1) 306.0(1) 306.0(1) 223.0(5) 222.7(1) 165.7(5) 164.7(5) 160.7(5) 168.7(5) 228.7(1) 220.7(1) 223.2(1) 170.7(5)	-202.0 -91.0 -82.5 -179.0 -179.0 -96.0 -139.7 -82.7 -81.7 -77.7 -85.7 -145.7 -137.7 -140.2 -87.7	5061	
035/14W-07R04 S 19			104.2	11/03/72 4/04/73	106.0 105.6	-1.8 -1.4	1101	035/14W-13J03 S	19		83.0	10/28/72 12/28/72 1/28/73 2/28/73 4/03/73 6/28/73 7/14/73 8/20/73 9/21/73	222.7(1) 165.7(5) 164.7(5) 160.7(5) 168.7(5) 228.7(1) 220.7(1) 223.2(1) 170.7(5)	-139.7 -82.7 -81.7 -77.7 -85.7 -145.7 -137.7 -140.2 -87.7	5061	
035/14W-07D01 S 19			104.2	11/03/72 4/04/73	106.0 105.6	-1.8 -1.4	1101	035/14W-14A01 S	19		84.0	5/28/73 7/28/73	NM-9 NM-9			5061
035/14W-07D02 S			104.2	11/03/72 4/17/73	105.2 104.9	-1.0 -0.7	1101	035/14W-14D01 S	19		104.6	11/03/72 4/04/73	103.6 105.1	1.0 -0.5	1101	
035/14W-07M01 S 19			111.2	11/03/72 4/11/73	107.9 108.1	3.3 3.1	1101	035/14W-15E01 S	19		104.6	11/03/72 4/04/73	106.3 107.3	-1.7 -2.7	1101	
035/14W-07M02 S			111.2	11/03/72 4/11/73	113.2 109.2	-2.0 2.0	1101	035/14W-17F02 S 19	19		80.1	4/02/73	NM-1		5050	
035/14W-07P01 S 19			104.6	11/03/72 4/04/73	103.6 105.1	1.0 -0.5	1101	035/14W-09N04 S	19		95.5	10/20/72 11/30/72 12/29/72 1/31/73 2/28/73 3/30/73 4/02/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	146.0(5) 146.0(5) 146.0(5) 143.0(5) 144.0(5) 144.0(5) 136.5 143.0(5) 143.0(5) 142.0(5) 142.0(5) 145.0(5)	-50.5 -50.5 -50.5 -47.5 -48.5 -48.5 -40.1 -47.5 -46.5 -46.5 -49.5	5061	
035/14W-07P02 S 19			104.6	11/03/72 4/04/73	106.3 107.3	-1.7 -2.7	1101	035/14W-09N05 S 19	19		95.5	10/20/72 11/30/72 12/29/72 1/31/73 2/28/73 3/30/73 4/09/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	146.0(5) 146.0(5) 146.0(5) 143.0(5) 144.0(5) 144.0(5) 136.5 143.0(5) 143.0(5) 142.0(5) 142.0(5) 145.0(5)	-50.5 -50.5 -50.5 -47.5 -48.5 -48.5 -40.1 -47.5 -46.5 -46.5 -49.5	5061	
035/14W-09N04 S			80.1	4/02/73	NM-1		5050	035/14W-18F02 S 19	19		90.0	12/13/72 4/17/73	108.2 108.8	-18.2 -18.8	1101	
035/14W-09N05 S 19			95.5	10/20/72 11/30/72 12/29/72 1/31/73 2/28/73 3/30/73 4/09/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	146.0(5) 146.0(5) 146.0(5) 143.0(5) 144.0(5) 144.0(5) 136.5 143.0(5) 143.0(5) 142.0(5) 142.0(5) 145.0(5)	-50.5 -50.5 -50.5 -47.5 -48.5 -48.5 -40.1 -47.5 -46.5 -46.5 -49.5	5061	035/14W-17G02 S	19		87.0	4/04/73	124.0	-37.0	5050	
035/14W-09P01 S 19			81.2	10/19/72 11/30/72 12/29/72 1/31/73 2/28/73 3/30/73 4/09/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	122.3 134.2(5) 134.2(5) 136.2(5) 133.2(5) 133.2(5) 127.8 136.2(5) 134.2(5) 134.2(5) 134.2(5) 134.2(5) 136.2(5)	-41.1 -53.0 -53.0 -55.0 -52.0 -52.0 -46.6 -55.0 -53.0 -53.0 -53.0 -55.0	5061	035/14W-18E01 S 19	19		93.7	11/02/72 4/04/73	96.1 96.9	-2.4 -3.2	1101	
035/14W-09P03 S			66.0	10/19/72 11/30/72 12/29/72 1/31/73 2/28/73	NM-6 NM-6 NM-6 NM-6 NM-6		5061	035/14W-18F01 S 19	19		98.8	11/02/72 4/04/73	97.4 99.5	1.4 -0.7	1101	
035/14W-10G02 S 19			62.0	10/16/72 11/30/72 12/27/72 1/27/73 2/25/73 4/02/73 5/24/73 6/28/73 7/30/73 8/30/73 9/25/73	142.9(5) 250.6(6) 251.6(6) 238.6(6) 250.6(6) 134.6 133.6(6) 136.6(6) 132.6(6) 135.6(6) 134.6(6)	-80.9 -188.6 -189.6 -176.6 -188.6 -72.6 -71.6 -74.6 -70.6 -73.6 -72.6	5061	035/14W-18M01 S	19		93.0	4/04/73	NM-7		5050	
035/14W-11D01 S 19			116.0	10/12/72 11/09/72 12/11/72 1/09/73 2/16/73	148.6 148.3 148.1 147.9 147.8	-32.6 -32.3 -32.1 -31.9 -31.8	1101	035/14W-18M02 S 19	19		98.8	10/25/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/27/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	99.9 91.2 90.0 92.9 92.6 93.3 91.8 90.9 92.1 93.2 90.0 89.8	-1.1 7.4 8.8 5.9 6.2 5.5 7.0 7.4 6.7 5.6 8.8 9.0	1101	
								035/14W-18N05 S 19	19		112.0	4/11/73	107.7	4.3	5050	
								035/14W-19R01 S 19	19		88.8	11/03/72 4/04/73	92.3 94.5	-3.5 -5.7	1101	
								035/14W-19R03 S 19	19		88.8	11/03/72 4/04/73	92.3 93.7	-3.5 -4.9	1101	
								035/14W-19C02 S 19	19		85.8	11/03/72 4/04/73	85.9 82.8	-0.1 3.0	1101	
								035/14W-19C03 S 19	19		85.8	11/03/72 4/04/73	83.4 85.0	2.4 0.8	1101	
								035/14W-19C04 S 19	19		85.8	11/03/72 4/04/73	77.4 78.2	8.4 7.6	1101	
								035/14W-19E01 S	19		148.7	11/03/72 4/11/73	145.2 144.9	3.5 3.8	1101	
								035/14W-19E02 S 19	19		148.7	11/03/72 4/11/73	145.0 144.5	3.7 4.2	1101	
								035/14W-19E03 S 19	19		148.7	11/03/72 4/11/73	136.4 136.3	12.3 12.4	1101	
								035/14W-20P01 S	19		73.8	4/04/73	85.3	-11.5	5050	



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							
								U-05 U-05.A U-05.A2							
035/14W-21R02	5	19	60.5	10/12/72	99.6	-39.1	1101	035/14W-25P04	5		25.0	2/28/73	135.0(1)	-110.0	5061
				11/09/72	95.8	-35.3		(CONTINUED)				3/28/73	101.0(5)	-76.0	
				12/11/72	94.2	-33.7						4/12/73	104.7	-79.7	5050
				1/09/73	96.2	-35.7						5/28/73	134.0(1)	-109.0	5061
				2/16/73	95.9	-35.4						6/14/73	103.0(5)	-78.0	
				3/09/73	94.7	-34.2						7/28/73	106.0(5)	-81.0	
				4/11/73	96.0	-35.5						8/28/73	150.0(1)	-125.0	
				5/07/73	94.9	-34.4						9/28/73	154.0(1)	-129.0	
				7/02/73	95.4	-34.9		035/14W-25002	5	19	20.6	12/18/72	9.5	11.1	1101
				8/08/73	96.2	-35.7						4/03/73	9.7	10.9	
				9/04/73	96.0	-35.5		035/14W-27C01	5	19	45.0	4/05/73	77.2	-32.2	5050
035/14W-21F01	5	19	62.5	4/03/73	82.1	-19.6	1101	035/14W-27005	5		56.3	4/04/73	85.3	-29.0	5050
035/14W-21M01	5			10/14/72	94.0(5)	-32.0	5061	035/14W-29003	5	19	88.0	4/10/73	100.8	-12.8	5050
				12/28/72	92.0(5)	-30.0		035/14W-29F01	5	19	77.3	10/24/72	91.1(5)	-13.8	1101
				1/28/73	168.0(1)	-106.0						12/04/72	110.0(1)	-32.7	
				2/28/73	92.0(5)	-30.0						1/02/73	91.0(5)	-13.7	
				3/28/73	91.0(5)	-29.0						2/07/73	109.0(1)	-31.7	
				4/03/73	176.0(1)	-114.0	5050					5/07/73	106.0(5)	-28.7	
				5/21/73	90.0(5)	-28.0	5061					7/01/73	91.0(5)	-13.7	
				6/28/73	181.0(1)	-119.0						8/01/73	91.0(5)	-13.7	
				8/28/73	91.0(5)	-29.0						9/30/73	111.0(1)	-33.7	
				9/14/73	92.0(5)	-30.0		035/14W-29J01	5		95.0	10/24/72	116.0(5)	-21.0	1101
035/14W-22A01	5		48.0	10/28/72	173.0(1)	-125.0	5061					12/04/72	128.7(1)	-33.7	
				12/28/72	176.0(1)	-128.0						1/02/73	107.7(5)	-12.7	
				1/28/73	177.0(1)	-129.0						2/07/73	127.7(1)	-32.7	
				2/21/73	175.0(1)	-127.0						5/07/73	111.7(5)	-16.7	
				3/28/73	98.0(5)	-50.0						7/01/73	107.7(5)	-12.7	
				4/03/73	177.0(1)	-129.0	5050					8/01/73	107.7(5)	-12.7	
				5/28/73	108.0(5)	-60.0	5061					9/30/73	127.7(1)	-32.7	
				6/30/73	108.0(5)	-60.0		035/14W-29M01	5	19	112.8	10/24/72	120.1(5)	-7.3	1101
				7/28/73	192.0(1)	-144.0						4/11/73	122.1	-9.7	5050
				8/28/73	108.0(5)	-60.0		035/14W-30D02	5	19	116.7	10/31/72	119.6	-2.9	1101
				9/28/73	188.0(1)	-140.0						4/06/73	118.2	-1.5	
035/14W-22A02	5		50.0	10/28/72	109.0(5)	-59.0	5061	035/14W-30F01	5	19	156.5	10/31/72	154.2	2.3	1101
				12/28/72	112.0(5)	-62.0						4/06/73	152.8	3.7	
				1/28/73	112.0(5)	-62.0		035/14W-30F02	5	19	180.0	10/27/72	189.1	-9.1	1101
				2/21/73	182.0(1)	-132.0						11/28/72	183.1	-3.1	
				3/28/73	111.0(5)	-61.0						1/03/73	181.9	-1.9	
				4/03/73	184.0(1)	-134.0	5050					2/27/73	182.2	-2.2	
				5/28/73	186.0(1)	-136.0	5061					3/30/73	182.7	-2.7	
				6/28/73	187.0(1)	-137.0						4/27/73	182.2	-2.2	
				7/28/73	190.0(1)	-140.0						6/01/73	182.0	-2.0	
				8/28/73	192.0(1)	-142.0						7/27/73	183.1	-3.1	
				9/28/73	111.0(5)	-61.0						8/31/73	182.1	-2.1	
035/14W-22K01	5			10/30/72	91.0(5)	-41.0	1101					9/28/73	180.2	-0.2	
				11/29/72	90.0(5)	-40.0		035/14W-30G01	5	19	126.0	4/02/73	129.8	-3.8	5050
				3/28/73	96.0(5)	-46.0		035/14W-30H02	5	19	126.0	4/02/73	135.3	-9.3	5050
				4/13/73	95.7	-45.7	5050	035/14W-30H02	5	19	175.6	4/10/73	173.5	2.1	5050
				5/30/73	96.0(6)	-46.0	1101	035/14W-30H03	5	19	226.1	10/31/72	222.0	4.1	1101
				6/28/73	96.0(6)	-46.0						4/16/73	220.7	5.4	
035/14W-22L01	5	19	51.0	1/28/73	91.2(5)	-40.2	5061	035/14W-31A05	5		125.0	4/12/73	NM-7		5050
				2/07/73	119.2(1)	-68.2		035/14W-31D01	5	19	117.8	4/12/73	113.0	4.8	5050
				3/28/73	88.2(5)	-37.2		035/14W-31F02	5	19	96.9	10/25/72	98.1	-1.2	1101
				4/03/73	87.2(1)	-36.2	5050					11/29/72	91.7	5.2	
				8/28/73	88.2(5)	-37.2	5061					12/27/72	91.3	5.6	
035/14W-22Q01	5	19		10/30/72	86.5(5)	-41.5	1101					1/31/73	92.4	4.9	
				11/29/72	86.5(5)	-41.5						2/28/73	92.3	4.6	
				3/28/73	84.5(5)	-39.5						3/28/73	92.1	4.8	
				4/13/73	82.4	-37.4	5050					4/25/73	91.8	5.1	
				5/31/73	84.5(6)	-39.5	1101					5/30/73	90.8	6.1	
				6/28/73	84.5(6)	-39.5						6/28/73	91.0	5.0	
				7/30/73	86.5(5)	-41.5						7/25/73	91.3	5.6	
				8/30/73	86.5(6)	-41.5						8/29/73	91.0	5.9	
				9/28/73	86.5(6)	-41.5						9/28/73	90.6	6.3	
035/14W-22P02	5		52.0	10/30/72	82.0(5)	-30.0	1101	035/14W-31L02	5	19	135.7	11/02/72	130.0	5.7	1101
				11/29/72	83.0(5)	-31.0						4/18/73	129.8	5.9	
				12/28/72	133.5(1)	-81.5	5061	035/14W-31L03	5	19	169.0	10/25/72	169.9	-0.9	1101
				1/30/73	82.5	-30.5						11/29/72	163.3	5.7	
				2/28/73	132.5(1)	-80.5						12/27/72	162.9	6.1	
				3/28/73	83.0(5)	-31.0	1101					1/31/73	166.3	4.7	
				4/13/73	82.1	-30.1	5050					2/28/73	163.7	5.3	
				5/30/73	83.5	-31.5	5061					3/28/73	163.6	5.4	
				6/28/73	83.5	-31.5						4/25/73	163.3	5.7	
				7/26/73	83.0(6)	-31.0	1101					5/30/73	162.4	6.6	
				8/30/73	83.0(6)	-31.0						6/28/73	162.5	6.5	
				9/28/73	83.0(6)	-31.0						7/25/73	162.8	6.2	
035/14W-23R02	5	19	49.9	12/18/72	83.0	-33.1	1101					8/29/73	162.6	6.4	
				4/03/73	80.5	-30.6						9/27/73	162.3	6.7	
035/14W-24F05	5	19	54.5	12/18/72	86.6	-32.1	1101	035/14W-31L04	5	19	178.3	10/31/72	175.1	3.2	1101
				4/03/73	86.3	-31.8						4/18/73	174.0	4.3	
035/14W-25F03	5	19	38.7	4/03/73	71.2	-32.5	5050	035/14W-31002	5		171.0	12/18/72	DRY		1101
035/14W-25K06	5	19	30.0	12/18/72	62.5	-32.5	1101								
				4/03/73	61.9	-31.9									
035/14W-25N02	5	19	39.2	4/04/73	70.4	-31.2	5050								
035/14W-25P04	5		25.0	10/28/72	141.0(1)	-116.0	5061								
				12/28/72	103.0(5)	-78.0									
				1/28/73											



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
035/14W-31002 S			171.0	4/03/73	DRY		1101	035/15W-12A03 S 19			121.5	7/25/73	113.6	7.9	1101
035/14W-32A02 S 19			97.2	4/11/73	111.8	-14.6	5050	(CONTINUED)				8/29/73	113.7	7.8	
035/14W-32F02 S 19			100.0	10/11/72	130.5	-30.5	1101	035/15W-12H04 S 19			119.3	10/25/72	118.6	0.7	1101
				11/09/72	130.2	-30.2						4/11/73	113.7	5.6	
				12/11/72	130.1	-30.1		035/15W-12H05 S 19			119.3	10/25/72	118.5	0.8	1101
				1/09/73	129.8	-29.8						11/29/72	113.6	5.7	
				2/16/73	129.8	-29.8						12/27/72	112.0	7.3	
				3/09/73	129.0	-29.0						1/31/73	116.8	2.5	
				4/11/73	128.8	-28.8						2/28/73	114.4	4.9	
				5/07/73	128.8	-28.8						3/28/73	114.2	5.1	
				7/02/73	128.2	-28.2						4/25/73	113.3	6.0	
				8/08/73	128.0	-28.0						5/30/73	109.5	9.8	
				9/04/73	127.7	-27.7						6/28/73	109.7	9.4	
035/14W-32P02 S 19			90.0	12/18/72	98.2	-8.2	1101					7/25/73	109.7	9.6	
				4/03/73	97.9	-7.9						8/29/73	109.0	10.3	
035/14W-33F01 S			120.0	4/11/73	138.0	-18.0	5050	035/15W-12H06 S 19			119.3	10/25/72	116.8	2.5	1101
035/14W-33R04 S 19			78.5	12/18/72	94.0(8)	-15.5	1101					11/29/72	115.4	3.9	
				4/03/73	94.9(8)	-16.4						12/27/72	114.8	4.5	
035/14W-34R02 S			65.0	4/04/73	94.1	-29.1	5050					1/31/73	115.9	3.4	
035/14W-34C02 S 19			63.0	11/01/72	126.5(1)	-63.5	5061					2/28/73	115.6	3.7	
				12/01/72	126.5(1)	-63.5						3/28/73	115.6	3.7	
				1/01/73	94.5(5)	-31.5						4/25/73	115.2	4.1	
				2/01/73	126.5(1)	-63.5						5/30/73	114.8	4.5	
				3/01/73	94.5(5)	-31.5						6/28/73	114.4	4.9	
				4/01/73	126.5(1)	-63.5						7/25/73	114.4	4.9	
				5/01/73	126.5(1)	-63.5						8/29/73	114.3	5.0	
				6/01/73	126.5(1)	-63.5						9/28/73	114.1	5.2	
				7/01/73	126.5(1)	-63.5		035/15W-12J01 S 19			111.2	10/25/72	110.5	0.7	1101
				8/01/73	94.5(5)	-31.5						11/29/72	103.7	7.5	
				9/01/73	101.5(5)	-38.5						12/27/72	103.0	8.2	
035/14W-34N04 S			70.0	4/05/73	99.9	-29.9	5050					1/31/73	106.5	4.7	
035/14W-35R03 S 19			46.0	4/05/73	73.4	-27.4	5050					2/28/73	105.7	5.5	
035/14W-35M07 S 19			66.0	4/05/73	94.3	-28.3	5050					3/28/73	105.7	5.5	
035/15W-01L01 S			121.0	12/15/72	122.8	-1.8	1101					4/10/73	106.3	4.9	5050
				4/18/73	122.6	-1.6						5/30/73	105.0	6.2	1101
035/15W-03R01 S			71.5	12/06/72	NM-6		1101					6/28/73	104.4	6.8	
				4/11/73	NM-6		5050					7/25/73	102.5	8.7	
035/15W-03R02 S			77.6	11/30/72	NM-6		1101					8/29/73	101.0	10.2	
				12/14/72	NM-6		5050					9/28/73	100.8	10.4	
				4/11/73	NM-6		5050	035/15W-12J02 S 19			111.2	10/25/72	110.2	1.0	1101
035/15W-11M06 S 19			31.0	4/11/73	29.6	1.4	5050					11/29/72	102.8	8.4	
035/15W-11M07 S 19			39.2	11/02/72	36.2	3.0	1101					12/27/72	102.1	9.1	
				3/14/73	35.5	3.7						1/31/73	105.5	5.7	
035/15W-11M12 S 19			61.6	11/02/72	59.1	2.5	1101					2/28/73	105.0	6.2	
				3/14/73	58.5	3.1						3/23/73	105.0	6.2	
035/15W-11P01 S 19			114.3	4/17/73	61.3	53.0	1101					4/25/73	104.2	7.0	
035/15W-11O01 S 19			106.2	11/03/72	110.5	-4.3	1101					5/30/73	103.0	8.2	
				4/04/73	100.9	5.3						6/28/73	102.9	8.3	
035/15W-12A01 S 19			127.1	10/25/72	127.6	-0.5	1101					7/25/73	102.3	8.9	
				11/29/72	122.7	4.4						8/29/73	100.7	10.5	
				12/27/72	122.3	4.8						9/28/73	100.7	10.5	
				1/31/73	125.7	1.4		035/15W-12J03 S 19			114.5	10/25/72	112.7	1.8	1101
				2/28/73	124.2	2.9						11/29/72	106.0	8.5	
				3/28/73	123.9	3.2						12/27/72	105.4	9.1	
				4/02/73	124.8	2.3	5050					1/31/73	109.7	4.8	
				5/30/73	118.1	9.0	1101					2/28/73	108.1	6.4	
				6/28/73	116.2	8.9						3/28/73	108.1	6.4	
				7/25/73	118.4	8.7						4/25/73	107.0	7.5	
				8/29/73	118.1	9.0						5/30/73	104.9	9.6	
				9/28/73	117.7	9.4						6/28/73	105.3	9.2	
035/15W-12A02 S 19			127.1	10/25/72	125.7	1.4	1101					7/25/73	104.5	10.0	
				11/29/72	124.9	2.2						8/29/73	103.3	11.2	
				12/27/72	124.3	2.8						9/28/73	103.1	11.4	
				1/31/73	125.0	2.1		035/15W-12J04 S 19			114.5	10/25/72	111.6	2.9	1101
				2/28/73	124.8	2.3						11/29/72	107.1	7.4	
				3/28/73	124.8	2.3						12/27/72	106.4	8.1	
				4/25/73	124.4	2.7						1/31/73	109.1	5.4	
				5/30/73	124.0	3.1						2/28/73	109.0	5.5	
				6/28/73	123.7	3.4						3/28/73	108.8	5.7	
				7/25/73	123.7	3.4						4/25/73	107.9	6.6	
				8/29/73	123.6	3.5						5/30/73	108.1	6.4	
				9/28/73	123.4	3.7						6/28/73	107.9	6.6	
035/15W-12A03 S 19			121.5	10/25/72	121.9	-0.4	1101					7/25/73	107.8	6.7	
				11/29/72	117.5	4.0						8/29/73	107.2	7.3	
				12/27/72	117.1	4.4						9/28/73	107.0	7.5	
				1/31/73	120.0	1.5		035/15W-12R02 S 19			95.9	10/25/72	96.0	-0.1	1101
				2/28/73	119.1	2.4						11/29/72	87.7	8.2	
				3/28/73	118.4	3.1						12/27/72	86.9	9.0	
				4/25/73	117.4	4.1						1/31/73	90.3	5.6	
				5/30/73	113.2	8.3						2/28/73	90.2	5.7	
				6/28/73	113.4	8.1						3/28/73	89.8	6.1	
												4/11/73	84.7	11.2	5050
												5/30/73	87.1	8.8	1101
												6/28/73	88.1	7.8	
												7/25/73	88.4	7.5	
												8/29/73	85.8	10.1	
												9/28/73	86.1	9.8	
035/15W-12R03 S 19								035/15W-12R03 S 19			109.3	10/25/72	94.5	1.4	1101
												4/11/73	84.0	11.9	
035/15W-12R04 S 19								035/15W-12R04 S 19			95.9	10/25/72	88.8	7.1	

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SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
03S/15W-12R04 S 19 (CONTINUED)			95.9	11/29/72	83.0	12.9	1101	03S/15W-24H01 S 19 (CONTINUED)			125.9	4/25/73	111.8	14.1	1101
				12/27/72	82.3	13.6						5/30/73	112.0	13.9	
				1/31/73	84.5	11.4						6/28/73	111.8	14.1	
				2/28/73	84.4	11.5						7/25/73	112.3	13.6	
				3/28/73	84.1	11.8						8/29/73	112.2	13.7	
				4/25/73	83.4	12.5						9/28/73	112.2		
				5/30/73	85.4	10.5									
				6/28/73	84.8	11.1		03S/15W-24H02 S 19			125.9	10/25/72	128.3	-2.4	1101
				7/25/73	84.6	11.3						11/29/72	119.9	6.0	
				8/29/73	84.1	11.8						12/27/72	118.3	7.6	
				9/28/73	83.8	12.1						1/31/73	119.8	6.1	
												2/28/73	119.4	6.5	
03S/15W-13H02 S 19			104.3	4/12/73	10.9(7)	93.4	S050					3/28/73	120.0	5.9	
03S/15W-13H03 S 19			103.0	4/12/73	15.7(7)	87.3	S050					4/02/73	120.0	5.9	S050
03S/15W-13H04 S 19			103.8	11/02/72	96.9	6.9	1101					5/30/73	118.6	7.3	1101
				4/04/73	98.2	5.6						6/28/73	119.1	6.8	
03S/15W-13H05 S 19			103.8	11/02/72	96.4	7.4	1101					7/25/73	120.2	5.7	
				4/04/73	97.6	6.2		03S/15W-24H01 S 19			93.0	4/02/73	118.6	7.3	
03S/15W-13H07 S 19			103.8	11/02/72	97.0	6.8	1101					9/28/73	118.3	7.6	
				4/04/73	97.8	6.0		03S/15W-24P01 S 19			119.9	10/25/72	115.5	4.4	1101
03S/15W-13H08 S 19			98.2	10/25/72	99.8	-1.6	1101					11/29/72	115.5	4.4	
				11/29/72	90.5	7.7						12/27/72	113.6	6.3	
				12/27/72	89.7	8.5						1/31/73	114.0	5.9	
				1/31/73	92.9	5.3						2/28/73	113.6	6.3	
				2/28/73	93.0	5.2						3/28/73	113.5	6.4	
				3/28/73	93.2	5.0						4/25/73	113.6	6.3	
			71.0	4/12/73	94.3	3.9	S050					5/30/73	113.6	6.3	
			98.2	5/30/73	90.4	7.8	1101					6/28/73	113.7	6.2	
				6/28/73	92.2	6.0						7/25/73	113.9	6.0	
				7/25/73	93.0	5.2		03S/15W-24P02 S 19			162.9	4/02/73	157.2	5.7	S050
				8/29/73	89.1	9.1						4/16/73	176.3	6.4	
				9/28/73	89.1	9.1		03S/15W-25A03 S 19			156.0	10/31/72	155.6	0.4	1101
03S/15W-13H09 S 19			98.2	11/29/72	89.7	8.5	1101					4/18/73	153.8	2.2	
				12/27/72	88.9	9.3		03S/15W-25R01 S 19			182.7	11/03/72	177.9	4.8	1101
				1/31/73	91.9	6.3						4/16/73	176.3	6.4	
				2/28/73	91.8	6.4		03S/15W-25R03 S 19			161.4	11/03/72	157.3	4.1	1101
				3/28/73	92.0	6.2						4/16/73	155.2	6.2	
			71.0	4/12/73	93.2	-5.0	S050	03S/15W-25C05 S 19			103.8	4/02/73	99.3	4.5	S050
			98.2	5/30/73	89.9	8.3	1101					4/02/73	78.8	3.9	S050
				6/28/73	91.0	7.2		03S/15W-25S001 S 19			82.7	4/02/73	78.8		
				7/25/73	92.0	6.2						4/10/73	79.7	6.3	S050
				8/29/73	89.0	9.2		03S/15W-25G09 S 19			86.0	4/10/73	79.7		
				9/28/73	88.8	9.4						11/29/72	85.4	4.4	
03S/15W-13J04 S 19			98.0	4/17/73	98.9	-0.9	S050					12/27/72	84.9	5.1	
03S/15W-13P01 S 19			113.5	4/11/73	108.1	5.4	S050					1/31/73	85.0	5.0	
03S/15W-13P02 S 19			153.2	4/12/73	93.4(7)	59.8	S050					2/28/73	84.4	5.6	
03S/15W-13P07 S 19			155.7	11/02/72	149.2	6.5	1101					3/28/73	85.0	5.0	
				4/04/73	152.3	3.4						4/25/73	84.8	5.2	
03S/15W-13P08 S 19			155.7	4/12/73	150.8	4.9	S050					5/30/73	84.8	5.2	
03S/15W-13P09 S 19			155.7	11/02/72	149.2	6.5	1101					6/28/73	84.9	5.1	
				4/04/73	149.0	6.7						7/25/73	84.9	5.1	
03S/15W-13P10 S 19			158.1	4/12/73	153.9	4.2	S050	03S/15W-25G10 S 19			146.5	11/03/72	142.4	4.1	1101
03S/15W-13P12 S 19			158.1	11/02/72	138.8	19.3	1101					4/16/73	140.4	6.1	
				4/04/73	139.4	18.7		03S/15W-25K03 S 19			90.0	11/02/72	85.9	4.1	1101
				9/28/73	139.1	19.0						4/16/73	82.5	7.5	
03S/15W-24F06 S 19			122.4	10/25/72	121.1	1.3	1101	03S/15W-25K07 S 19			135.4	11/03/72	130.7	4.7	1101
				11/29/72	116.7	5.7						4/16/73	128.8	6.6	
				12/27/72	115.9	6.5		03S/15W-25K14 S 19			71.0	10/26/72	67.9	3.1	1101
				1/31/73	116.1	6.3						11/29/72	64.3	6.7	
				2/28/73	115.6	6.8						12/27/72	63.7	7.3	
			122.5	3/28/73	116.0	6.4	S050	03S/15W-25L01 S 19			73.4	11/03/72	69.4	4.0	1101
			122.4	4/02/73	116.2	6.3	S050					4/16/73	67.0	6.4	
				5/30/73	115.1	7.3	1101	03S/15W-25L02 S 19			94.4	4/02/73	88.8	5.6	S050
				6/28/73	115.7	6.7						4/10/73	66.3	6.2	S050
				7/25/73	116.3	6.1		03S/15W-25R01 S 19			137.8	11/03/72	133.1	4.7	1101
				8/29/73	115.7	6.7						4/16/73	131.1	6.7	
				9/28/73	115.3	7.1		03S/15W-25R04 S 19			70.6	4/10/73	63.2	7.4	S050
03S/15W-24G01 S 19			122.4	10/25/72	113.6	8.8	1101	03S/15W-27L01 S 19			62.0	12/11/72	68.4	-6.4	1101
				11/29/72	111.7	10.7						2/06/73	49.5	12.5	
				12/27/72	110.9	11.5						4/16/73	42.5	19.5	
				1/31/73	111.1	11.3						5/01/73	70.0	-8.0	
				2/28/73	111.0	11.4						6/14/73	47.5	14.5	
				3/28/73	111.2	11.2						8/22/73	39.5	22.5	
				4/25/73	110.8	11.6						9/05/73	57.5	4.5	
				5/30/73	110.9	11.5		03S/15W-36A02 S 19			64.2	10/26/72	61.5	2.7	1101
				6/28/73	110.8	11.6						11/29/72	57.8	6.4	
				7/25/73	111.1	11.3						12/27/72	57.2	7.0	
				8/29/73	111.0	11.4						1/31/73	58.2	6.0	
				9/28/73	110.8	11.6									

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							
U-05								U-05							
U-05.A								U-05.A							
U-05.A.2								U-05.A.2							
035/15W-36A02 5 19			64.2	2/28/73	58.0	6.2	1101	045/13W-10F03 5 19			26.0	4/10/73	75.1(5)	-49.1	5061
(CONTINUED)				3/28/73	57.9	6.3		(CONTINUED)				5/23/73	78.1(5)	-52.1	
				4/10/73	58.7	5.5	5050					6/15/73	78.1(5)	-52.1	
				5/30/73	57.5	6.7	1101	045/13W-10H01 5			31.9	10/13/72	63.2	-31.3	4204
				6/28/73	57.5	6.7						11/27/72	62.8	-30.9	
				7/25/73	57.8	6.4						12/21/72	62.7	-30.8	
				8/29/73	57.7	6.5						1/23/73	62.3	-30.4	
				9/28/73	57.2	7.0						2/09/73	62.3	-30.4	
035/15W-36H03 5 19			58.2	10/26/72	56.5	1.7	1101					3/30/73	62.0	-30.1	
				11/29/72	52.6	5.6						4/19/73	61.9	-30.0	
				12/27/72	52.0	6.2						5/11/73	61.8	-29.9	
				1/31/73	53.1	5.1						6/22/73	61.5	-29.6	
				2/28/73	51.4	6.8						7/13/73	NM-6		
				3/28/73	52.8	5.4						8/16/73	DRY		
				4/25/73	52.5	5.7		045/13W-10L01 5 19			28.0	12/13/72	16.2	11.8	1101
				5/30/73	52.2	6.0						4/09/73	15.5	12.5	
				6/28/73	52.2	6.0		045/13W-11D01 5			35.0	4/12/73	64.0	-29.0	5050
				7/25/73	52.3	5.9		045/13W-11K01 5			34.6	12/13/72	64.6	-30.0	1101
				8/29/73	52.2	6.0						4/09/73	64.0	-29.4	
				9/28/73	52.1	6.1		045/13W-11K03 5 19			34.0	4/12/73	71.4	-37.4	5050
045/12W-30R01 5 19			7.7	12/15/72	16.6	-8.9	1101	045/13W-14A07 5			28.0	4/16/73	NM-7		5050
				4/02/73	16.1	-8.4		045/13W-14H03 5 19			43.2	12/13/72	75.7	-32.5	1101
045/12W-32G01 5 19			38.0	10/13/72	44.5	-6.5	4206					4/09/73	75.7	-32.5	
				11/27/72	44.4	-6.4		045/13W-14L01 5 19			29.0	10/18/72	62.4	-33.4	4204
				12/21/72	44.5	-6.5						11/17/72	63.6	-34.6	
				1/23/73	45.3	-7.3						12/20/72	62.1	-33.1	
				2/09/73	44.6	-6.6						1/23/73	68.7	-39.7	
				3/30/73	44.7	-6.7	5050					2/14/73	63.2	-34.2	
				4/09/73	43.7	-5.7	4206					3/14/73	62.0	-33.0	
				5/11/73	44.4	-6.4						4/25/73	61.4	-32.4	
				6/22/73	44.8	-6.8						5/16/73	63.2	-34.2	
				7/13/73	44.8	-6.8						6/13/73	61.1	-32.1	
				8/24/73	44.5	-6.5						7/18/73	63.6	-34.6	
				9/21/73	44.4	-6.4						8/15/73	65.1	-36.1	
045/13W-02P01 5 19			38.7	4/05/73	67.6	-28.9	5050					9/19/73	60.4	-31.4	
045/13W-06O01 5			22.0	4/04/73	NM-7		5050	045/13W-14O08 5 19			25.9	12/13/72	2.3	23.6	1101
045/13W-07H01 5 19			20.3	10/10/72	95.6(8)	-75.3	1101					4/09/73	4.1	21.8	
				11/09/72	92.4(8)	-72.1		045/13W-15C01 5 19			24.0	4/12/73	153.1(5)	-129.1	5050
				12/12/72	91.5(8)	-71.2		045/13W-15N01 5 19			20.0	10/31/72	155.8	-135.8	5061
				1/08/73	91.9(8)	-71.6						12/12/72	154.8	-134.8	
				4/12/73	91.0(8)	-70.7						1/02/73	152.8	-132.8	
				5/07/73	92.6(8)	-72.3						2/01/73	152.8	-132.8	
				7/02/73	94.1(8)	-73.8						3/01/73	153.8	-133.8	
				8/08/73	95.7(8)	-75.4						4/05/73	154.3	-134.3	
				9/05/73	94.3(8)	-74.0						5/01/73	154.9	-134.9	
045/13W-08G02 5 19			8.9	12/18/72	51.5	-42.6	1101					6/01/73	149.8	-129.8	
				4/04/73	51.2	-42.3						7/02/73	163.8	-143.8	
045/13W-08J03 5 19			18.0	10/10/72	11.8	6.2	1101					8/01/73	167.8	-147.8	
				11/09/72	11.9	6.1		045/13W-15O05 5 19			25.0	12/18/72	65.1	-40.1	1101
				12/12/72	11.9	6.1						4/09/73	64.7	-39.7	
045/13W-08P01 5 19			12.1	12/18/72	23.9	-11.8	1101	045/13W-15P03 5			20.0	4/09/73	55.0	-35.0	5050
				4/09/73	23.6	-11.5		045/13W-16F02 5 19			16.3	12/18/72	45.2	-28.9	1101
045/13W-09A01 5			23.8	10/13/72	NM-6		5061					4/09/73	44.6	-28.3	
				11/29/72	NM-6			045/13W-17D01 5 19			27.0	4/16/73	100.4	-73.4	5050
				12/22/72	NM-6			045/13W-19R01 5 19			40.0	4/04/73	101.7	-61.7	5050
				1/25/73	NM-6			045/13W-19J02 5 19			44.7	10/17/72	111.2	-66.9	1101
				2/18/73	NM-6							11/09/72	108.0	-63.7	
045/13W-09F01 5 19			23.0	4/12/73	9.6	13.4	1101					12/12/72	107.1	-62.8	
				5/07/73	9.5	13.5						1/09/73	106.8	-62.5	
				7/02/73	9.7	13.3						2/15/73	105.3	-61.0	
045/13W-09H02 5 19			25.7	10/13/72	216.0(1)	-190.3	5061					3/05/73	105.3	-61.0	
				11/29/72	140.0(5)	-114.3						4/11/73	108.5	-64.2	
				12/22/72	150.0(5)	-124.3						5/07/73	109.4	-65.1	
				1/25/73	150.0(5)	-124.3						7/02/73	110.2	-65.9	
				2/18/73	279.0(1)	-253.3						8/08/73	111.8	-67.5	
				3/16/73	279.0(1)	-253.3						9/05/73	108.8	-64.5	
				4/10/73	279.0(1)	-253.3		045/13W-10R02 5			30.0	4/05/73	61.0	-31.0	5050
				5/23/73	155.0(5)	-129.3		045/13W-10C02 5 19			27.1	11/01/72	134.0	-106.9	5061
				6/15/73	254.0(1)	-228.3						12/01/72	133.0	-105.9	
045/13W-10R02 5			30.0	4/05/73	61.0	-31.0	5050					1/02/73	131.0	-103.9	
045/13W-10C02 5 19			27.1	11/01/72	134.0	-106.9	5061	045/13W-19J06 5 19			40.0	4/04/73	102.2(4)	-62.2	5050
				12/01/72	133.0	-105.9						4/04/73	102.1	-65.1	5050
				1/02/73	131.0	-103.9		045/13W-20K01 5			37.0	4/04/73	102.1	-65.1	5050
				2/01/73	131.0	-103.9		045/13W-21A01 5			16.0	12/18/72	39.0	-23.0	1101
				3/01/73	130.0	-102.9						4/09/73	39.8	-23.8	
				4/02/73	130.0	-102.9		045/13W-21H02 5 19			35.0	10/31/72	130.2	-95.2	5061
				5/01/73	132.0	-104.9						11/30/72	130.2	-95.2	
				6/01/73	134.0	-106.9						1/02/73	127.9	-92.9	
				7/02/73	131.0	-103.9						3/02/73	128.1	-93.1	
				8/01/73	132.0	-104.9						4/03/73	129.7	-94.7	5050
				9/04/73	134.0	-106.9						5/02/73	131.1	-96.1	5061
045/13W-10E02 5			25.0	4/10/73	61.0	-36.0	5050					6/04/73	134.8	-99.8	
045/13W-10E03 5 19			26.0	12/22/72	77.1(5)	-51.1	5061					7/03/73	134.3	-99.3	
				1/31/73	80.1(5)	-54.1						8/02/73	138.9	-103.9	
				2/18/73	76.1(5)	-50.1		045/13W-21H03 5 19			34.0	12/15/72	94.1	-60.1	1101
				3/16/73	76.1(5)	-50.1				</					



TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
045/13W-21H03	S	19	34.0	4/09/73	93.8	-59.8	1101	045/13W-22P01	S		16.0	8/01/73	119.0	-103.0	5061
								(CONTINUED)				9/01/73	117.0	-101.0	
045/13W-21H05	S	19	21.0	10/31/72	119.4	-98.4	5061	045/13W-22P03	S	19	15.3	4/10/73	111.5	-96.2	5050
				11/30/72	119.4	-98.4						4/11/73	110.7	-95.2	5050
				1/02/73	116.9	-95.9		045/13W-22P06	S	19	13.3	10/30/72	57.0	-43.7	1101
				3/02/73	117.1	-96.1						11/22/72	54.7	-41.4	
				4/03/73	118.0	-97.0						12/26/72	55.0	-41.7	
				5/02/73	119.2	-98.2						1/29/73	55.1	-41.8	
				6/04/73	122.9	-101.9						2/27/73	54.6	-41.3	
				7/03/73	122.4	-101.4						3/26/73	54.4	-41.1	
				8/02/73	126.5	-105.5						4/11/73	53.7	-40.4	
045/13W-21H06	S		20.0	10/31/72	117.0	-97.0	5061					5/29/73	54.3	-41.0	
				11/30/72	117.0	-97.0		045/13W-22P07	S	19	13.3	10/30/72	55.6	-42.3	1101
				1/02/73	114.7	-94.7						11/22/72	54.1	-40.8	
				3/02/73	114.9	-94.9						12/26/72	54.5	-41.2	
				4/03/73	116.1	-96.1						1/29/73	55.0	-41.7	
				5/02/73	117.2	-97.2						2/27/73	54.1	-40.8	
				6/04/73	120.2	-100.2						3/26/73	53.9	-40.6	
				7/03/73	119.8	-99.8						4/11/73	53.1	-39.8	
				8/02/73	124.6	-104.6						5/29/73	53.7	-40.4	
045/13W-21J02	S	19	34.0	10/31/72	130.2	-96.2	5061					6/26/73	53.7	-40.4	
				11/30/72	129.7	-95.7						7/31/73	54.9	-41.6	
				1/02/73	127.4	-93.4		045/13W-22P08	S	19	13.3	11/22/72	56.2	-42.9	1101
				3/02/73	127.4	-93.4						4/11/73	55.2	-41.9	
				4/03/73	128.6	-94.6	5050	045/13W-23N03	S	19	17.4	4/11/73	112.5	-95.1	5050
				5/02/73	129.7	-95.7	5061					11/22/72	49.3	-31.9	1101
				6/04/73	133.9	-99.9						4/11/73	47.1	-29.6	5050
				7/03/73	133.2	-99.2		045/13W-23N04	S	19	17.4	11/22/72	49.3	-31.9	1101
				8/02/73	136.4	-102.4						4/11/73	47.1	-29.6	5050
045/13W-21R01	S	19	31.0	10/13/72	135.5(5)	-104.5	5061	045/13W-23N05	S	19	17.4	11/22/72	51.6	-34.2	1101
				11/29/72	128.5(5)	-97.5						4/12/73	50.5	-33.1	
				12/26/72	130.5(5)	-99.5		045/13W-25F01	S	19	13.1	11/27/72	40.7	-27.6	1101
				2/07/73	132.5(5)	-101.5						4/04/73	43.1	-30.0	5050
				3/16/73	129.5(5)	-98.5		045/13W-26A03	S	19	32.3	12/13/72	63.1	-30.8	1101
				4/10/73	167.9	-136.9	5050					4/09/73	62.0	-29.7	
				5/20/73	140.5(5)	-109.5	5061	045/13W-26A04	S	19	31.8	11/27/72	61.5	-29.7	1101
				6/18/73	150.5(1)	-119.5						4/12/73	60.2	-28.4	
				8/03/73	138.5(5)	-107.5		045/13W-26F06	S	19	12.9	11/27/72	46.8	-33.9	1101
045/13W-21P02	S	19	39.8	10/13/72	147.7(1)	-107.9	5061					4/12/73	46.5	-33.6	
				11/29/72	148.7(5)	-108.9		045/13W-26F07	S	19	12.8	11/27/72	41.5	-28.7	1101
				12/26/72	137.7(5)	-97.9						4/03/73	40.3	-27.5	
				2/07/73	152.7(5)	-112.9		045/13W-26P02	S	19	10.3	10/13/72	35.7	-25.4	4206
				3/16/73	170.7(1)	-130.9						11/27/72	34.5	-24.2	
				4/10/73	137.1	-97.3	5050					12/21/72	34.3	-24.0	
				5/20/73	148.7(5)	-108.9	5061					1/23/73	32.9	-22.6	
				6/18/73	142.7(5)	-102.9						2/09/73	32.9	-22.6	
				8/04/73	146.7(5)	-106.9						3/30/73	33.7	-23.4	
045/13W-22F01	S	19	20.0	10/31/72	117.1	-97.1	5061					4/09/73	36.3	-26.0	5050
				11/30/72	116.9	-96.9						5/11/73	38.5	-28.2	4206
				1/02/73	114.8	-94.8		045/13W-26P01	S	19	27.3	11/27/72	59.4	-32.1	1101
				3/02/73	115.1	-95.1						4/12/73	59.3	-32.0	
				4/03/73	116.0	-96.0		045/13W-26R03	S	19	27.4	11/27/72	53.6	-26.2	1101
				5/02/73	117.1	-97.1						4/03/73	52.9	-25.5	
				6/04/73	120.4	-100.4		045/13W-27R02	S	19	14.9	10/30/72	52.7	-37.8	1101
				7/03/73	120.1	-100.1						11/22/72	52.2	-37.3	
				8/02/73	123.8	-103.8						12/29/72	51.6	-36.7	
045/13W-22F02	S	19	21.9	4/10/73	120.5	-98.6	5050					1/31/73	52.0	-37.1	
045/13W-22G05	S	19	18.7	11/27/72	53.4	-34.7	1101					3/01/73	51.5	-36.6	
			19.8	12/19/72	54.4	-34.6						4/11/73	51.2	-36.3	
				4/09/73	52.9	-33.1						5/31/73	51.2	-36.3	
045/13W-22K14	S	19	17.1	12/19/72	36.5	-19.4	1101					6/28/73	51.3	-36.4	
				4/09/73	36.4	-19.3						7/31/73	51.9	-37.0	
045/13W-22K15	S		17.3	12/19/72	51.3	-34.0	1101					8/30/73	52.2	-37.3	
				4/09/73	50.9	-33.6						9/27/73	52.3	-37.4	
045/13W-22K16	S	19	17.0	12/19/72	29.2	-12.2	1101	045/13W-27R03	S	19	14.9	10/30/72	45.4	-30.5	1101
				4/09/73	30.0	-13.0						11/27/72	44.4	-29.5	
045/13W-22K19	S	19	16.3	12/19/72	39.4	-23.1	1101					12/29/72	43.9	-29.0	
				4/09/73	39.1	-22.8						1/31/73	45.4	-30.5	
045/13W-22K30	S	19	15.9	12/19/72	55.0	-39.1	1101					2/27/73	44.8	-29.9	
				4/09/73	53.9	-38.0						3/29/73	44.4	-29.5	
045/13W-22P01	S	19	16.0	11/01/72	113.1	-97.1	5061					4/27/73	44.0	-29.1	
				12/01/72	112.4	-96.4						5/31/73	43.6	-28.7	
				1/01/73	110.3	-94.3						6/28/73	43.3	-28.4	
				2/01/73	110.3	-94.3						7/31/73	44.5	-29.6	
				3/01/73	110.3	-94.3						8/30/73	44.9	-30.0	
				4/01/73	111.0	-95.0						9/27/73	45.1	-30.2	
				5/01/73	113.0	-97.0									
				6/01/73	116.0	-100.0									
				7/01/73	115.0	-99.0									



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
04S/13W-27804 S 19			14.9	11/22/72 12/29/72 1/31/73 2/27/73 3/29/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/27/73	41.0 40.2 39.9 40.0 39.6 39.5 38.5 37.8 38.4 38.3 38.6	-26.1 -25.3 -25.0 -25.1 -24.7 -24.6 -23.6 -22.9 -23.5 -23.4 -23.7	1101	04S/13W-27K05 S (CONTINUED)			14.2	12/29/72 1/31/73 3/01/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73	37.2 39.1 38.9 37.9 37.4 37.1 38.2 38.2	-23.0 -24.9 -24.7 -23.7 -23.2 -22.9 -24.0 -24.0	1101
04S/13W-27805 S 19			14.7	10/30/72 11/28/72 12/26/72 1/29/73 2/27/73 3/26/73 4/24/73 5/29/73 6/26/73 7/31/73 8/28/73	50.5 49.6 49.6 50.5 49.1 48.8 48.8 48.5 48.0 49.3 49.8	-35.8 -34.9 -34.9 -35.8 -34.4 -34.1 -34.1 -33.8 -33.3 -34.6 -35.1	1101	04S/13W-27M01 S			30.4	11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/03/73 5/02/73 6/01/73 7/01/73 8/01/73	NM-9 NM-9 NM-7 NM-9 NM-9 NM-7 NM-9 NM-9 NM-9 NM-9		5061
04S/13W-27C01 S			35.6	11/22/72 4/11/73	76.6 75.9	-41.0 -40.3	1101	04S/13W-27M03 S			31.2	11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/03/73 5/02/73 6/01/73 7/01/73 8/01/73	NM-9 NM-9 NM-7 NM-9 NM-9 NM-9 NM-7 NM-9 NM-9 NM-9		5061
04S/13W-27002 S 19			26.0	11/22/72 4/11/73	73.9 71.3	-47.9 -45.3	1101	04S/13W-27M04 S			32.7	11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/03/73 5/02/73 6/01/73 7/01/73 8/01/73	NM-9 NM-9 NM-7 NM-9 NM-9 NM-9 NM-7 NM-9 NM-9 NM-9		5061
04S/13W-27006 S 19			13.7	10/30/72 11/22/72 12/26/72 1/29/73 2/27/73 3/26/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73	52.0 51.4 51.7 52.2 51.2 50.8 51.2 51.6 52.4 53.8 53.8	-38.3 -37.7 -38.0 -38.5 -37.5 -37.1 -37.5 -37.9 -38.7 -40.1 -40.1	1101	04S/13W-27N02 S 19			28.9	11/27/72 4/12/73	69.6 70.0	-40.7 -41.1	1101
04S/13W-27F02 S 19			39.0	11/27/72 12/29/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/27/73	84.6 84.2 84.3 83.9 83.7 83.9 84.0 84.0 84.9 84.7 84.2	-45.6 -45.2 -45.3 -44.9 -44.7 -44.9 -45.0 -45.0 -45.9 -45.7 -45.2	1101	04S/13W-27N03 S 19			28.9	11/27/72 4/12/73	65.8 65.6	-36.9 -36.7	1101
04S/13W-27M01 S 19			11.2	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/11/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	40.4 39.5 39.1 39.5 39.4 38.8 41.1 38.4 37.5 38.5 38.4 38.5	-29.2 -28.3 -27.9 -28.3 -28.2 -27.6 -27.1 -27.2 -26.3 -27.3 -27.2 -27.3	4206	04S/13W-27N04 S 19			28.9	11/27/72 4/12/73	63.4 62.3	-34.5 -33.4	1101
04S/13W-27M02 S 19			13.4	7/31/73 8/30/73 9/27/73	49.8 49.9 49.9	-36.4 -36.5 -36.5	1101	04S/13W-27N05 S 19			28.0	11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 8/01/73	122.8 138.8 141.8(1) 143.8(1) 120.8 162.8(1)	-94.8 -110.8 -113.8 -115.8 -92.8 -134.8	5061
04S/13W-27J02 S 19			8.9	11/22/72 12/29/72 1/31/73 3/01/73 4/12/73 5/31/73 6/28/73 7/31/73 8/30/73 9/27/73	36.2 35.5 36.4 36.2 35.6 35.1 34.9 35.7 35.6 35.7	-27.3 -26.6 -27.5 -27.3 -26.7 -26.2 -26.0 -26.8 -26.7 -26.8	1101	04S/13W-27P02 S 19			10.8	4/04/73	106.4	-95.6	5050
04S/13W-27J03 S 19			8.9	11/22/72 4/12/73	35.4 34.7	-26.5 -25.8	1101	04S/13W-27P04 S 19			10.7	11/22/72 4/12/73	47.3 47.3	-36.6 -36.6	1101
04S/13W-27J04 S 19			8.9	11/22/72 4/12/73	34.5 33.8	-25.6 -24.9	1101	04S/13W-27P07 S			13.7	10/30/72 11/21/72 3/27/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73	35.7 32.7 47.8 48.0 48.1 48.8 49.9 49.7	-22.0 -19.0 -34.1 -34.3 -34.4 -35.1 -36.2 -36.0	1101
04S/13W-27K04 S 19			14.2	10/30/72 11/22/72 12/29/72 1/31/73 3/01/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73	54.1 53.3 53.0 55.0 54.2 54.0 54.2 54.4 55.4 55.3	-39.9 -39.1 -38.8 -40.8 -40.0 -39.8 -40.0 -40.2 -41.2 -41.1	1101	04S/13W-27P08 S 19			13.7	11/22/72 12/26/72 1/29/73 2/27/73 3/26/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73	35.0 33.7 34.5 34.7 34.1 34.0 33.0 32.4 34.0 33.9	-21.3 -20.0 -20.8 -21.0 -20.4 -20.3 -19.3 -18.7 -20.3 -20.2	1101
04S/13W-27J05 S 19			8.9	11/22/72 4/12/73	35.4 34.7	-26.5 -25.8	1101	04S/13W-27001 S 19			9.2	4/12/73	35.6	-26.4	1101
04S/13W-27J06 S 19			8.9	11/22/72 4/12/73	34.5 33.8	-25.6 -24.9	1101	04S/13W-28A01 S 19			34.9	11/27/72 12/29/72 1/31/73 3/01/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/27/73	90.8 90.6 90.4 90.0 90.6 90.7 90.9 92.3 92.1 91.2	-55.9 -55.7 -55.5 -55.1 -55.7 -55.8 -56.0 -57.4 -57.2 -56.3	1101
04S/13W-27K05 S 19			14.2	10/30/72 11/22/72	38.7 41.1	-24.5 -26.9	1101	04S/13W-28A02 S 19			34.9	11/27/72 4/11/73	88.4 87.7	-53.5 -52.8	1101
								04S/13W-28J01 S 19			33.4	10/30/72 11/27/72 12/26/72	79.0 78.0 77.8	-45.6 -44.6 -44.4	1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
045/13W-28J01 S (CONTINUED)	19		33.4	1/29/73 2/26/73 3/26/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73 9/27/73	79.0 81.1 78.1 78.1 78.9 79.6 81.3 81.2 79.4	-45.6 -47.7 -44.7 -44.7 -45.5 -46.2 -47.9 -47.8 -46.0	1101	045/13W-31F02 S (CONTINUED)	19		19.0	11/30/72 12/30/72 1/31/73 2/28/73 3/31/73 4/04/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	83.4 81.2 81.2 81.2 82.2 83.0 83.0 82.9 80.9 81.4	-64.4 -62.2 -62.2 -62.2 -63.2 -64.0 -64.0 -63.9 -61.9 -62.4	5061
045/13W-28J02 S	19		33.4	10/30/72 11/27/72 12/26/72 1/29/73 2/26/73 3/26/73 4/11/73 5/29/73 6/26/73 7/31/73 8/28/73 9/27/73	78.6 77.8 77.5 77.7 77.3 77.2 76.9 77.3 77.5 78.2 78.2 77.2	-45.2 -44.4 -44.1 -44.3 -43.9 -43.8 -43.5 -43.9 -44.1 -44.8 -44.8 -43.8	1101	045/13W-31F04 S	19		22.0	10/02/72 11/03/72 12/05/72 1/24/73 2/22/73 3/23/73 4/04/73 5/23/73 6/27/73 7/26/73 8/31/73 9/26/73	89.3 84.8 84.8 83.7 83.2 85.4 85.8 86.9 87.6 88.3 86.4 85.3	-67.3 -62.8 -62.8 -61.7 -61.2 -63.4 -63.8 -64.9 -65.6 -66.7 -64.4 -63.7	1200
045/13W-28J03 S	19		33.4	11/27/72 4/11/73	72.3 70.8	-38.9 -37.4	1101	045/13W-31F01 S	19		39.0	11/21/72 4/10/73	101.0 101.2	-62.0 -62.2	1101
045/13W-28L02 S	19		42.6	11/21/72 4/10/73	92.3 91.0	-49.7 -48.4	1101	045/13W-31F02 S	19		39.0	11/21/72 4/10/73	93.0 92.3	-54.0 -53.7	1101
045/13W-28L03 S	19		42.6	11/21/72 4/10/73	92.4 90.4	-49.8 -47.8	1101	045/13W-31J01 S	19		35.2	11/21/72 4/10/73	62.1 60.5	-26.9 -25.3	1101
045/13W-28N01 S	19		46.1	11/10/72 12/12/72 2/15/73 3/05/73 4/11/73 5/07/73 7/02/73 8/08/73 9/05/73	93.8 93.2 92.1 91.7 91.2 91.4 91.2 91.2 91.2	-47.7 -47.1 -46.0 -45.6 -45.5 -45.3 -45.1 -45.1 -45.1	1101	045/13W-31J02 S	19		21.4	11/21/72 4/10/73	82.8 83.5	-61.4 -62.1	1101
045/13W-28N02 S	5		45.7 46.1	4/11/73 5/07/73 7/02/73 8/08/73 9/05/73	91.2 91.4 91.2 91.2 91.2	-45.5 -45.3 -45.1 -45.1 -45.1	5050 1101	045/13W-31K02 S	19		21.7	11/21/72 4/10/73	55.8 54.0	-34.1 -32.3	1101
045/13W-28N05 S	19		37.0	11/21/72 4/10/73	92.7 93.4	-55.7 -56.4	1101	045/13W-31N01 S	19		43.4	4/11/73	14.1	29.3	5050
045/13W-28N06 S	19		37.7	4/11/73	91.2	-53.5	5050	045/13W-31N02 S	19		42.6	11/21/72 4/10/73	86.4 85.4	-43.8 -42.8	1101
045/13W-28Q01 S	19		26.1	12/15/72 4/02/73	69.7 66.9	-43.6 -40.8	1101	045/13W-31P01 S	19		44.7	11/01/72 12/01/72 1/03/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	168.0 167.0 167.0 167.0 165.0 167.0 169.0 167.0 169.0 167.0 167.0 168.0	-123.3 -122.3 -122.3 -122.3 -120.3 -122.3 -124.3 -122.3 -124.3 -122.3 -124.3 -123.3	5061
045/13W-29F03 S	19		41.0	4/04/73	99.9	-58.9	5050	045/13W-31Q01 S	19		28.5	10/30/72 11/21/72 12/26/72 1/29/73 2/26/73 3/26/73 4/10/73 5/29/73 6/25/73 7/30/73 8/27/73 9/26/73	49.9 49.6 49.1 48.9 48.8 48.5 48.4 48.2 48.2 48.2 48.5	-21.4 -21.1 -20.6 -20.4 -20.3 -20.0 -19.9 -19.7 -19.7 -19.7 -20.0 -20.0	1101
045/13W-30A05 S	19		35.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/04/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	104.5 114.5 121.5 109.5 109.5 117.5 107.5 105.5 109.5 116.5 106.5 104.5	-69.5 -79.5 -86.5 -74.5 -74.5 -82.5 -72.5 -70.5 -74.5 -81.5 -71.5 -69.5	5061	045/13W-30G01 S	19		37.0	10/30/72 11/30/72 12/05/72 1/24/73 2/22/73 3/31/73 7/26/73 8/31/73 9/26/73	128.5(1) 128.5(5) 100.4 100.2 100.3 103.0(1) 106.6 102.0 101.5	-91.5 -91.5 -63.3 -63.1 -63.2 -66.0 -69.5 -64.9 -64.4	5061 1200 5050 1200
045/13W-30G03 S	19		26.0	10/30/72 11/30/72 12/30/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	112.9(11) 88.9(5) 88.9(5) 89.9(5) 89.9(5) 93.0(1) 107.9(5) 108.9(1) 109.9(1) 109.9(1) 91.9(1) 89.9(5)	-86.9 -62.9 -62.9 -63.9 -63.9 -67.0 -81.9 -82.9 -83.9 -83.9 -65.9 -63.9	5061	045/13W-30K01 S	19		36.0	10/30/72 11/30/72 12/30/72 1/31/73 2/28/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	135.4(1) 135.4 99.4 99.4 99.4 126.4(5) 128.4(1) 127.4(1) 128.4(1) 102.4(1) 101.4(5)	-99.4 -99.4 -63.4 -63.4 -63.4 -90.4 -92.4 -91.4 -92.4 -66.4 -65.4	5061
045/13W-30K03 S	19		26.0	10/30/72 11/30/72 12/30/72 1/31/73 2/28/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	112.9(11) 88.9(5) 88.9(5) 89.9(5) 89.9(5) 93.0(1) 107.9(5) 108.9(1) 109.9(1) 109.9(1) 91.9(1) 89.9(5)	-86.9 -62.9 -62.9 -63.9 -63.9 -67.0 -81.9 -82.9 -83.9 -83.9 -65.9 -63.9	5061	045/13W-30L01 S	19		19.0	10/30/72	83.4	-64.4	5061
045/13W-30L02 S	19		19.0	10/30/72	83.4	-64.4	5061	045/13W-30P01 S	19		14.4	2/26/73 3/26/73 4/24/73 5/29/73 6/25/73 7/30/73 8/27/73 9/26/73	18.8 18.4 18.1 17.4 17.8 19.1 18.5 17.8	-4.4 -4.0 -3.7 -3.0 -3.4 -4.7 -4.1 -3.4	1101
045/13W-30P02 S	19		14.1	2/27/73	16.0	-1.9	1101	045/13W-30Q01 S	19		14.1	2/27/73	16.0	-1.9	1101

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
045/13W-32P02 S 19 (CONTINUED)			14.1	3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/25/73	15.9 15.3 14.4 15.6 16.9 16.1 15.4	-1.8 -1.2 -0.3 -1.5 -2.8 -2.0 -1.3	1101	045/13W-33G01 S 19			14.5	9/26/73	32.3	-17.8	1101
045/13W-32P03 S 19			14.1	2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/25/73	20.8 20.5 18.8 20.0 20.5 21.3 20.9 20.6	-6.7 -6.4 -4.7 -5.9 -6.4 -7.2 -6.8 -6.5	1101	045/13W-33G02 S 19			14.5	11/27/72 12/29/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	32.1 31.5 32.5 32.7 32.2 32.0 31.6 31.8 33.0 32.8 32.4	-17.6 -17.0 -18.0 -18.2 -17.7 -17.5 -17.1 -17.3 -18.5 -18.3 -17.9	1101
045/13W-32001 S 19			14.0	11/27/72 12/26/72 1/29/73 2/26/73 3/26/73 4/10/73 5/29/73 6/25/73 7/31/73 8/28/73 9/26/73	24.4 24.5 25.0 25.7 25.4 25.0 25.3 25.4 25.7 25.6 25.4	-10.4 -10.5 -11.0 -11.7 -11.4 -11.0 -11.3 -11.4 -11.7 -11.6 -11.4	1101	045/13W-33H02 S 19			17.7	11/21/72 12/26/72 1/29/73 2/27/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	61.0 61.9 63.8 62.6 62.9 63.3 64.0 66.2 65.8 64.5	-43.3 -44.2 -46.1 -44.9 -45.2 -45.6 -46.3 -48.5 -48.1 -46.8	1101
045/13W-32002 S			14.0	10/30/72 11/21/72 4/10/73	24.8 24.1 25.2	-10.8 -10.1 -11.2	1101	045/13W-33H04 S			17.7	11/28/72 12/26/72 1/29/73 2/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	34.7 34.0 34.8 35.3 34.0 33.9 35.6 35.1 34.7	-17.0 -16.3 -17.1 -17.6 -16.3 -16.2 -17.9 -17.4 -17.0	1101
045/13W-32007 S 19			12.6	2/26/73 3/26/73 4/10/73 5/29/73 6/25/73 7/31/73 8/28/73 9/26/73	17.9 17.5 17.6 16.8 17.3 18.3 17.8 17.4	-5.3 -4.9 -5.0 -4.2 -4.7 -5.7 -5.2 -4.8	1101	045/13W-33H05 S 19			17.7	5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	34.9 34.8 35.3 36.0 35.6	-17.2 -17.1 -17.6 -18.3 -17.9	1101
045/13W-32901 S			13.0	10/30/72 11/27/72 12/27/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	19.2 18.7 18.0 19.8 19.1 19.3 18.9 18.5 19.2 19.9 19.4 19.3	-6.2 -5.7 -5.0 -6.8 -6.1 -6.3 -5.9 -5.5 -6.2 -6.9 -6.4 -6.3	1101	045/13W-33H06 S 19			17.7	11/21/72 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	62.0 62.6 63.0 63.6 65.9 65.5 64.2	-44.3 -44.9 -45.3 -45.9 -48.2 -47.8 -46.5	1101
045/13W-32P02 S 19			13.0	11/27/72 12/27/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	19.3 18.9 20.3 20.0 20.0 20.0 19.7 20.4 20.9 20.6 20.4	-6.3 -5.9 -7.3 -7.0 -7.0 -6.7 -7.4 -7.9 -7.6 -7.4	1101	045/13W-33K02 S 19			8.0	10/30/72 11/28/72 12/26/72 1/29/73 2/27/73 3/26/73 4/24/73 5/29/73 6/26/73 7/30/73 8/27/73 9/26/73	18.9 18.4 17.9 21.5 21.0 19.9 20.9 20.3 19.3 22.1 22.7 22.1	-10.9 -10.4 -9.9 -13.5 -13.0 -11.4 -12.4 -12.3 -11.3 -14.1 -14.7 -14.1	1101
045/13W-32P03 S 19			13.9	10/30/72 11/27/72 12/26/72 1/29/73 3/26/73 4/24/73 5/29/73 6/26/73 7/30/73 8/27/73 9/26/73	16.5 16.9 16.9 20.7 19.8 19.4 20.3 20.8 20.4 20.4 20.1	-2.6 -3.0 -3.0 -6.8 -5.9 -5.5 -6.4 -6.9 -6.5 -6.2	1101	045/13W-33K03 S 19			8.0	3/27/73 4/24/73 5/29/73 6/26/73 7/30/73 8/27/73	20.8 20.9 20.3 20.2 22.3 22.7	-12.8 -12.9 -12.3 -12.2 -14.3 -14.7	1101
045/13W-33R01 S 19			23.5	11/21/72 4/10/73	70.4 71.1	-46.9 -47.6	1101	045/13W-33K04 S 19			8.0	3/26/73 4/24/73 5/29/73 6/26/73 7/30/73 8/27/73	20.7 20.9 20.3 20.2 22.3 22.7	-12.7 -12.9 -12.3 -12.2 -14.3 -14.7	1101
045/13W-33R02 S 19			23.5	11/21/72 4/10/73	48.1 47.0	-24.6 -23.5	1101	045/13W-33L01 S 19			10.0	11/21/72 4/10/73	61.2 62.2	-51.2 -52.2	1101
045/13W-33R03 S 19			23.5	11/21/72 4/10/73	48.6 47.3	-25.1 -23.8	1101	045/13W-33N02 S 19			10.7	10/30/72 11/27/72 12/26/72 1/29/73 2/26/73 3/26/73 4/24/73 5/29/73 6/26/73 7/30/73 8/27/73 9/26/73	17.1 16.7 16.4 20.0 18.7 18.0 18.1 17.1 18.4 19.0 19.5 19.3	-6.4 -6.0 -5.7 -9.3 -8.0 -7.3 -7.4 -6.4 -7.7 -8.3 -8.8 -8.6	1101
045/13W-33C01 S 19			22.2	11/21/72 4/10/73	59.6 58.1	-37.4 -35.9	1101	045/13W-33P06 S 19			10.6	12/15/72 4/02/73	22.1 24.3	-11.5 -13.7	1101
045/13W-33G01 S 19			14.5	10/30/72 11/27/72 12/29/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73	32.6 32.0 31.4 32.4 32.6 32.0 31.8 31.5 31.7 32.8 32.6	-18.1 -17.5 -16.9 -17.9 -18.1 -17.5 -17.3 -17.0 -17.2 -18.3 -18.1	1101	045/13W-33P07 S 19			10.6	10/30/72 11/27/72 12/27/72 1/31/73 2/27/73 3/29/73 4/27/73	16.8 16.2 16.0 20.6 19.4 18.6 18.0	-6.2 -5.6 -5.4 -10.0 -8.8 -8.0 -7.4	1101



TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
045/13W-33P07 S 19 (CONTINUED)			10.6	5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	17.4 18.2 20.2 21.7 21.6	-6.8 -7.6 -9.6 -11.1 -11.0	1101	045/13W-34F03 S 19			5.4	10/30/72 11/21/72 12/26/72 1/29/73 2/26/73 3/26/73 4/12/73 5/29/73 6/26/73 7/28/73 9/24/73	41.9 41.2 40.7 41.9 41.0 40.8 41.2 40.8 41.9 43.6 42.5	-36.5 -35.8 -35.3 -36.5 -35.6 -35.4 -35.8 -35.4 -36.5 -38.2 -37.1	1101
045/13W-33P08 S 19			10.6	11/27/72 12/27/72 1/31/73 2/27/73 3/29/73 4/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	18.0 17.7 19.7 19.7 19.2 19.0 18.5 18.7 20.5 21.4 21.5	-7.4 -7.1 -9.1 -9.1 -8.6 -8.4 -7.9 -8.1 -9.9 -10.8 -10.9	1101	045/13W-34F04 S 19			5.4	11/21/72 4/12/73	24.9 23.9	-19.5 -18.5	1101
045/13W-33001 S 19			11.2	4/11/73	26.6	-15.4	1101	045/13W-34M01 S 19			3.4	4/02/73	81.2	-77.8	5050
045/13W-34A02 S 19			8.5	11/27/72 4/03/73	33.1 32.5	-24.6 -24.0	1101	045/13W-34M02 S 19			3.6	4/03/73	22.5	-18.9	1101
045/13W-34A04 S 19			8.3	11/27/72 4/12/73	30.6 30.0	-22.3 -21.7	1101	045/13W-34M03 S 19			4.6	11/21/72 4/11/73	44.0 44.4	-39.4 -39.8	1101
045/13W-34C02 S 19			10.3	12/15/72 4/02/73	50.0 48.6(8)	-39.7 -38.3	1101	045/13W-34N04 S 19			18.3	10/30/72 11/28/72 12/26/72 1/29/73 2/27/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	35.4 34.5 33.6 34.2 34.7 33.1 32.9 34.6 34.4 34.2	-17.1 -16.2 -15.3 -15.9 -16.4 -14.8 -14.6 -16.3 -16.1 -15.9	1101
045/13W-34002 S 19			4.1	10/30/72 11/22/72 12/29/72 1/31/73 2/27/73 3/29/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	43.4 42.6 42.1 44.5 42.6 42.5 42.8 43.0 43.8 45.9 45.5 44.5	-39.3 -38.5 -38.0 -40.4 -38.5 -38.4 -38.7 -38.9 -39.7 -41.8 -41.4 -40.4	1101	045/13W-34N05 S 19			18.3	5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	34.0 33.4 36.0 35.5 35.1	-15.7 -15.3 -17.7 -17.2 -16.8	1101
045/13W-34003 S 19			4.1	10/30/72 11/22/72 12/29/72 1/31/73 2/27/73 3/29/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	22.4 21.9 20.6 21.5 21.2 20.9 20.9 19.7 19.2 21.4 21.0 21.0	-18.3 -17.8 -16.5 -17.4 -17.1 -16.8 -16.8 -15.1 -15.1 -17.3 -16.9 -16.9	1101	045/13W-35R04 S 19			6.7	11/27/72 4/02/73	29.7 28.0	-23.0 -21.3	1101 5050
045/13W-34004 S 19			4.1	11/22/72 1/17/73 2/27/73 3/29/73 4/02/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	19.8 19.0 19.6 19.2 19.5 17.7 16.9 19.1 18.7 18.6	-15.7 -14.9 -15.5 -15.1 -15.4 -13.6 -12.8 -15.0 -14.6 -14.5	1101	045/13W-35F01 S 19			0.0	4/09/73	27.6	-18.6	5050
045/13W-34005 S 19			22.0	12/15/72 4/02/73	46.4 45.3	-24.4 -23.3	1101	045/13W-35J01 S 19			22.7	11/21/72 4/12/73	52.5 52.1	-29.8 -29.4	1101
045/13W-34F02 S 19			18.3	10/30/72 11/21/72 12/26/72 1/29/73 2/27/73 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	60.8 59.6 59.5 61.4 60.5 60.2 60.6 61.0 63.4 63.0 61.8	-42.5 -41.3 -41.2 -43.1 -42.2 -41.9 -42.3 -42.7 -45.1 -44.7 -43.5	1101	045/13W-35J02 S 19			22.7	11/21/72 4/03/73	43.1 40.7	-20.4 -18.0	1101 5050
045/13W-34F03 S 19			18.3	11/21/72 4/11/73 5/31/73 6/28/73 7/31/73 8/30/73 9/26/73	58.9 59.7 60.0 60.7 62.8 62.4 61.3	-40.6 -41.4 -41.7 -42.4 -44.5 -44.1 -43.0	1101	045/13W-35M04 S 19			10.1	11/21/72 4/02/73	32.5 22.2	-22.4 -12.1	1101 5050
045/13W-34F02 S 19			5.4	10/30/72 11/21/72 12/26/72 1/29/73 2/26/73 3/26/73 4/12/73 5/29/73 6/26/73 7/31/73 8/28/73 9/24/73	41.9 41.1 40.7 41.9 41.2 40.9 41.1 41.3 42.0 43.7 43.5 42.5	-36.5 -35.7 -35.3 -36.5 -35.8 -35.5 -35.7 -35.9 -36.6 -38.3 -38.1 -37.1	1101	045/13W-35M05 S 19			10.1	4/02/73	36.7	-26.8	5050
								045/13W-35M06 S 19			10.1	11/21/72 4/12/73	44.7 44.3	-34.8 -34.2	1101
								045/14W-01F02 S 19			51.0	11/01/72 12/01/72 1/31/73 3/01/73 4/02/73 6/01/73 7/31/73 8/31/73	123.0 119.2 122.5 122.0 119.0 119.9 123.5 123.5	-72.0 -68.2 -71.5 -71.0 -68.0 -68.9 -72.5 -72.5	5061
								045/14W-01F03 S 19			50.8	11/01/72 12/01/72 1/31/73 3/01/73 4/02/73 6/01/73 7/31/73 8/31/73	120.7 118.5 118.9 119.1 119.0 119.8 126.2 125.0	-69.9 -67.7 -68.1 -68.3 -68.2 -69.0 -75.6 -74.2	5061
								045/14W-03L02 S 19			74.0	10/20/72 12/18/72 3/26/73 4/23/73 5/17/73 6/27/73 8/06/73 9/18/73	105.7(2) 103.5(2) 102.7(2) 104.3(2) 104.5(2) 105.7(2) 108.2(2) 109.7	-31.7 -29.6 -28.7 -30.3 -30.5 -31.7 -34.2 -35.7	5061 5050 5061
								045/14W-03L03 S 19			74.0	10/21/72 12/18/72 3/26/73 4/23/73 5/21/73 7/03/73 8/03/73 9/24/73	107.8(2) 107.1(2) 106.1(2) 107.4(2) 106.5(2) 107.0(2) 109.5(2) 110.2(2)	-31.8 -31.1 -30.1 -31.4 -30.5 -31.0 -33.5 -34.2	5061 5050 5061
								045/14W-03L04 S 19			74.0	10/20/72	108.9(2)	-32.9	5061
								045/14W-03M01 S 19			79.1	10/22/72 3/27/73 4/24/73 5/22/73 6/29/73	105.7(2) 104.5(2) 104.5(2) 104.8(2) 107.3(2)	-26.6 -25.4 -25.4 -25.7 -28.2	5061



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA								LA-SAN GARRIFL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							
								U-05 U-05.A U-05.A2							
045/14W-03M01 S 19 (CONTINUED)			79.1	8/06/73 9/26/73	107.9(2) 109.3	-28.8 -30.2	5061 5050	045/14W-07001 S 19 (CONTINUED)			13.8	11/28/72 1/05/73 2/27/73 3/30/73 4/27/73 6/01/73 7/27/73 8/31/73	7.9 7.7 8.2 9.1 8.9 9.4 13.5 13.0	5.9 6.1 5.6 4.7 4.9 4.4 0.3 0.8	1101
045/14W-05A01 S 19			97.5	10/25/72	111.8	-14.3	1101	045/14W-07J07 S 19			143.0	10/25/72 4/05/73	133.8 148.5	9.2 -5.5	1101
045/14W-05A02 S 19			97.5	10/25/72	83.4	14.1	1101	045/14W-07J08 S 19			143.0	11/09/72 4/05/73	138.0 136.4	5.0 6.6	1101
045/14W-05F01 S 19			92.0	4/02/73	98.9	-6.9	5050	045/14W-07K02 S 19			87.0	11/09/72 4/02/73	82.5 82.5	4.5 4.5	1101 5050
045/14W-05N06 S 19			145.7	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	152.0 150.0 149.2 149.6 149.2 148.8 148.4 148.5 148.7 148.6	-6.3 -4.3 -3.5 -3.9 -3.5 -3.1 -2.7 -2.8 -3.0 -2.9	1101	045/14W-07P03 S 19			73.6	11/09/72 4/02/73	70.9 69.7	2.7 3.9	1101 5050
045/14W-06G02 S 19			174.8	10/25/72 4/12/73	174.1 168.4	0.7 6.4	1101	045/14W-07P04 S 19			52.1	10/25/72 4/06/73	61.2 57.0	-9.1 -4.9	1101
045/14W-06G04 S 19			196.7	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73 9/28/73	195.0 190.5 189.7 190.4 190.5 189.8 189.0 189.0 189.3 189.2 189.1	1.7 6.2 7.0 6.3 6.2 6.9 7.7 7.7 7.4 7.5 7.6	1101	045/14W-07P05 S 19			52.1	10/25/72 4/06/73	48.0 43.8	4.1 8.3	1101
045/14W-06G05 S 19			166.5	10/25/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/02/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	166.3 160.3 159.8 161.0 160.4 160.4 160.6 159.1 159.1 159.4 159.2 159.0	0.2 6.2 6.7 5.5 6.1 6.1 5.9 7.4 7.4 7.1 7.3 7.5	1101	045/14W-08R01 S 19			97.0	10/26/72 11/28/72 1/05/73 2/27/73 3/30/73 4/27/73 6/01/73 7/27/73 8/31/73	101.9 100.9 99.7 99.5 99.3 98.8 98.3 98.3 98.4	-4.9 -3.9 -2.7 -2.5 -2.3 -1.8 -1.3 -1.3 -1.4	1101
045/14W-06J06 S 19			139.4	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	137.4 133.3 132.5 133.0 133.1 132.3 131.6 131.2 131.8 131.7	2.0 6.1 6.9 6.4 6.3 7.1 7.8 8.2 7.6 7.7	1101	045/14W-08R02 S 19			124.4	4/05/73	116.3	8.1	5050
045/14W-06J07 S 19			139.4	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	146.7 144.4 143.5 144.0 143.5 143.1 142.7 142.8 143.5 143.6	-7.3 -5.0 -4.1 -4.6 -4.1 -3.7 -3.3 -3.4 -4.1 -4.2	1101	045/14W-08R03 S 19			138.2	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	135.0 132.4 132.0 131.7 132.3 130.3 129.3 129.1 129.2 129.1	3.2 5.8 6.2 6.5 5.9 7.9 8.9 9.1 9.0 9.1	1101
045/14W-06K05 S 19			159.8	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	166.7 164.5 163.8 164.2 163.9 163.5 163.2 163.3 163.6 163.6	-6.9 -4.7 -4.0 -4.4 -4.1 -3.7 -3.4 -3.5 -3.8 -3.8	1101	045/14W-08R04 S 19			146.4	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	153.2 151.6 150.5 151.2 150.2 149.8 149.6 149.7 149.9 149.8	-6.4 -5.2 -4.1 -4.4 -3.8 -3.4 -3.2 -3.3 -3.5 -3.4	1101
045/14W-06K08 S 19			141.1	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	138.6 134.7 133.9 134.2 134.3 133.3 132.6 132.3 132.7 132.9	2.5 6.4 7.2 6.9 6.8 7.8 8.5 8.8 8.4 8.2	1101	045/14W-08R05 S 19			147.3	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	144.3 140.8 140.1 140.5 140.2 138.3 137.6 137.3 137.3 137.3	3.0 6.5 7.2 6.8 7.1 9.0 9.7 10.0 10.0 10.0	1101
045/14W-07C03 S 19			62.2	10/27/72 11/28/72 1/05/73 2/27/73 3/30/73	56.9 55.9 55.4 55.8 55.8	5.3 6.3 6.8 6.4 6.4	1101	045/14W-08F15 S 19			143.3	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73	138.9 137.3 136.7 136.9 136.8 135.5 133.7 133.4	4.4 6.0 6.6 6.4 6.5 7.8 9.6 9.9	1101
045/14W-07001 S 19			13.8	10/27/72	8.4	5.4	1101								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
045/14W-08F15 S 19 (CONTINUEO)			143.3	7/26/73 8/30/73	133.4 133.4	9.9 9.9	1101	045/14W-08N05 S 19			140.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	133.7 131.2 129.8 131.1 130.7 128.9 128.8 128.1 128.3 128.2	6.3 8.8 10.2 8.9 9.3 11.1 11.2 11.9 11.7 11.8	1101
045/14W-08F16 S 19			142.3	10/25/72 4/05/73 6/27/73 7/26/73 8/30/73	137.9 135.0 132.7 132.6 132.6	4.4 7.3 9.6 9.7 9.7	1101	045/14W-08N07 S 19			141.8	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	140.3 137.2 136.5 136.6 136.7 135.4 135.8 136.2 136.4 136.4	1.5 4.6 5.3 5.2 5.1 6.4 6.0 5.6 5.4 5.4	1101
045/14W-08F17 S 19			143.0	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	151.2 149.5 148.7 149.4 148.5 148.2 148.0 148.1 148.3 148.4	-8.2 -6.5 -5.7 -6.4 -5.5 -5.2 -5.0 -5.1 -5.3 -5.4	1101	045/14W-08P01 S 19			108.0	10/25/72 4/09/73	120.8 117.5	-12.8 -9.5	1101
045/14W-08F18 S 19			150.0	10/25/72 4/04/73	145.2 142.4	4.8 7.6	1101	045/14W-08P02 S 19			108.0	10/25/72 4/02/73	119.5 118.5	-11.5 -10.5	1101 5050
045/14W-08F19 S 19			154.3	10/25/72 4/05/73	149.6 146.7	4.7 7.6	1101	045/14W-09D01 S 19			113.0	10/25/72 3/30/73	129.8 127.2	-16.8 -14.2	1101
045/14W-08F20 S			154.6	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	163.6 161.8 161.0 161.6 161.2 160.6 160.4 160.6 160.8 160.8	-9.0 -7.2 -6.4 -7.0 -6.6 -6.0 -5.8 -6.0 -6.2 -6.2	1101	045/14W-09D01 S 19			100.6	12/18/72 4/03/73	119.2 118.6	-18.6 -18.0	1101
045/14W-08G01 S 19			97.0	11/09/72 4/10/73	107.3 105.5	-10.3 -8.5	1101	045/14W-10D03 S 19			108.7	4/05/73	138.5	-29.8	5050
045/14W-08M04 S 19			138.8	4/20/73	144.7	-5.9	1101	045/14W-10K02 S 19			94.0	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	136.6(5) 136.6(5) 167.6(1) 136.6(5) 167.6(1) 136.6(5) 136.6(5) 165.6(1) 165.6(1) 162.6(1) 174.6(1)	-42.6 -42.6 -73.6 -42.6 -73.6 -42.6 -42.6 -71.6 -71.6 -68.6 -80.6	5061
045/14W-08M06 S 19			144.3	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	139.2 137.8 137.0 137.3 137.1 135.6 135.2 134.9 134.8 134.7	5.1 6.5 7.3 7.0 7.2 8.7 9.1 9.4 9.5 9.6	1101	045/14W-10K03 S 19			90.0	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	112.3(5) 134.3(1) 134.3(1) 134.3(1) 122.3(5) 134.3(1) 112.3(5) 134.3(1) 134.3(1) 134.3(1) 133.3(1) 112.3(5)	-22.3 -44.3 -44.3 -44.3 -22.3 -44.3 -22.3 -44.3 -44.3 -43.3 -22.3	5061
045/14W-08M07 S 19			152.5	10/25/72 4/05/73 6/27/73 7/26/73 8/30/73	147.4 148.6 143.0 142.8 142.8	5.1 3.9 9.5 9.7 9.7	1101	045/14W-11F01 S			68.0	10/01/72 11/05/72 12/03/72 1/14/73 3/09/73 9/02/73	NM-7 NM-7 NM-7 NM-7 NM-0 NM-7	5061	
045/14W-08M12 S 19			137.1	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	146.0 144.4 143.6 144.1 143.5 143.2 143.0 143.3 143.4 143.4	-8.9 -7.3 -6.5 -7.0 -6.4 -6.1 -5.9 -6.2 -6.3 -6.3	1101	045/14W-11G04 S 19			68.7	10/01/72 11/05/72 12/03/72 1/14/73 2/04/73 3/09/73 4/01/73 5/06/73 6/03/73 7/01/73 8/05/73 9/02/73	118.0 120.0 115.0 115.0 115.0 110.0 115.0 118.0 118.0 116.0 120.0 115.0	-49.3 -51.3 -46.3 -46.3 -46.3 -41.3 -46.3 -49.3 -49.3 -47.1 -51.3 -46.3	5061
045/14W-08M13 S 19			137.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	131.4 129.8 129.1 129.5 129.1 127.7 127.2 126.9 126.9 126.8	5.6 7.2 7.9 7.5 7.9 9.3 9.8 10.1 10.1 10.2	1101	045/14W-11L01 S 19			69.8	4/05/73	102.1	-32.3	5050
045/14W-08N03 S 19			158.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	153.9 151.9 151.3 151.9 151.6 149.9 149.5 149.5 149.7 149.7	4.1 6.1 6.7 6.1 6.4 8.1 8.5 8.5 8.3 8.3	1101	045/14W-12D02 S 19			18.0	12/18/72 4/03/73	58.3 58.2	-40.3 -40.2	1101
045/14W-08N04 S 19			160.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	169.9 168.5 167.5 167.9 167.3 166.9 167.0 167.0 167.1 167.1	-9.9 -8.5 -7.5 -7.9 -7.3 -6.9 -7.0 -7.0 -7.1 -7.1	1101	045/14W-15N01 S 19			78.2	2/15/73 3/05/73 4/11/73 5/07/73 7/02/73 8/08/73 9/05/73	102.8 102.2 102.8 102.2 102.5 102.9 103.4	-24.6 -24.0 -24.6 -24.0 -24.3 -24.7 -25.2	1101
045/14W-16F01 S 19			81.0	10/24/72 12/04/72 1/02/73 2/11/73 4/11/73 5/07/73 7/01/73 8/01/73	103.4(5) 147.6(1) 100.6(5) 145.6(1) 96.5 99.6(5) 100.6(5) 100.6(5)	-22.4 -66.6 -19.6 -64.6 -15.5 -18.6 -19.6 -19.6	1101								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SURUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SURUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2
04S/14W-16L04 S 19			77.0	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	92.5(5) 92.5(5) 92.5(5) 149.5(1) 92.5(5) 92.5(5) 149.5(1) 117.5(5) 151.5(1) 149.5(1) 92.5(5)	-15.5 -15.5 -15.5 -72.5 -15.5 -15.5 -72.5 -40.5 -74.5 -72.5 -15.5	5061	04S/14W-17N02 S 19 (CONTINUED)			88.0	1/03/73 2/01/73 3/01/73 4/26/73 6/01/73 7/26/73 8/30/73	94.2 93.8 94.2 93.7 93.5 93.6 93.4	-6.2 -5.8 -6.2 -5.7 -5.5 -5.6 -5.4	1101
04S/14W-16001 S 19			77.0	4/05/73	92.5	-15.5	5050	04S/14W-17N03 S 19			95.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 6/01/73 7/26/73 8/30/73	94.1 89.1 89.7 91.0 89.4 88.7 88.3 88.6 88.0	0.9 5.9 5.3 4.0 5.6 6.3 6.7 6.4 7.0	1101
04S/14W-17001 S 19			150.4	10/26/72 11/30/72 1/03/73 2/01/73 3/01/73 4/26/73 6/01/73 7/26/73 8/30/73	155.8 155.7 155.5 155.7 155.6 155.3 155.2 155.3 155.2	-5.4 -5.3 -5.1 -5.3 -5.2 -4.9 -4.8 -4.9 -4.8	1101	04S/14W-17P01 S 19			75.0	10/25/72 4/05/73	86.8 82.6	-11.2 -7.6	1101
04S/14W-17002 S 19			156.4	4/02/73	142.0	14.4	5050	04S/14W-17P02 S 19			74.0 74.3	10/25/72 4/02/73	84.1 80.1	-10.1 -5.8	1101 5050
04S/14W-17004 S 19			129.2	10/26/72 4/12/73	136.9 132.8	-7.7 -3.6	1101	04S/14W-17R01 S 19			77.1	10/25/72 4/05/73	93.4 88.1	-16.3 -11.0	1101
04S/14W-17010 S 19			146.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 5/31/73 6/27/73 7/26/73 8/30/73	139.7 138.0 136.5 136.9 136.6 134.9 134.3 134.2 134.3 134.2	6.3 8.0 9.5 9.1 9.4 11.1 11.7 11.8 11.7 11.8	1101	04S/14W-17R02 S 19			77.1	10/25/72 4/05/73	91.2 86.1	-14.1 -11.0	1101
04S/14W-17F04 S 19			137.5	10/26/72 1/04/73 4/26/73 6/01/73 7/26/73 8/30/73	131.9 126.5 126.3 125.9 125.8 125.7	5.6 11.0 11.2 11.6 11.7 11.8	1101	04S/14W-18A02 S 19			147.7	10/26/72 4/12/73	141.3 137.3	6.4 10.4	1101
04S/14W-17F05 S 19			137.4	10/26/72 4/12/73	133.1 131.8	4.3 5.6	1101	04S/14W-18A03 S 19			147.7	10/26/72 4/19/73	142.7 137.3	5.5 10.4	1101
04S/14W-17F06 S 19			112.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 6/01/73 7/26/73 8/30/73	105.0 102.2 101.7 102.2 101.8 100.5 99.7 99.8 99.7	7.0 9.8 10.3 9.8 10.2 11.5 12.3 12.2 12.3	1101	04S/14W-18A04 S 19			91.0	4/10/73	97.6	-6.6	1101
04S/14W-17F01 S 19			180.5	6/27/73	190.0	-9.5	1101	04S/14W-18A06 S 19			91.1	11/09/72 4/10/73	81.9 81.1	9.2 10.0	1101
04S/14W-17F02 S 19			180.5	8/27/73	185.0	-4.5	1101	04S/14W-18A01 S 19			87.0	11/09/72 4/03/73	83.1 81.3	3.4 5.7	1101 5050
04S/14W-17H01 S 19			96.0	10/24/72 1/02/73 2/28/73 4/11/73 5/07/73 7/01/73 8/01/73	105.6(5) 101.6(5) 100.6(5) 106.0 103.6(5) 100.6(5) 100.6(5)	-9.6 -5.6 -4.6 -10.0 -7.6 -4.6 -4.6	5050 1101	04S/14W-18F01 S 19			15.3	11/09/72 4/06/73	13.1 13.9	2.2 1.4	1101
04S/14W-17H02 S 19			92.0	10/24/72 1/02/73 2/28/73 4/11/73 5/07/73 7/02/73	105.4(5) 104.5(5) 100.5(5) 109.6 107.5(5) 100.5(5)	-13.4 -12.5 -8.5 -17.6 -15.5 -8.5	1101 5050 1101	04S/14W-18H02 S 19			147.2	4/03/73	DRY		5050
04S/14W-17H01 S 19			115.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 6/01/73 7/26/73 8/30/73	108.5 105.5 105.0 105.5 105.0 103.7 103.0 103.1 102.9	6.5 9.5 10.0 9.5 10.0 11.3 12.0 11.9 12.1	1101	04S/14W-18H04 S 19			133.8	4/19/73	138.0	-4.2	1101
04S/14W-17H02 S 19			97.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/26/73 6/01/73 7/26/73 8/30/73	90.7 87.6 87.1 87.7 87.2 85.9 85.2 85.0	6.3 9.4 9.9 9.3 9.8 11.1 11.8 11.8 12.0	1101	04S/14W-18H05 S 19			134.5	10/26/72 4/19/73	131.4 126.3	3.1 8.2	1101
04S/14W-17N02 S 19			88.0	10/26/72 11/30/72	96.5 94.5	-8.5 -6.5	1101	04S/14W-18H06 S 19			133.5	10/26/72 4/19/73	126.1 124.6	7.4 8.9	1101
								04S/14W-18H07 S 19			123.0	10/26/72 4/10/73	117.6 115.3	5.4 7.7	1101
								04S/14W-18H08 S 19			122.0	10/26/72 4/10/73	114.2 113.6	7.8 8.4	1101
								04S/14W-18J01 S 19			133.0	11/09/72 4/12/73	129.7 127.7	3.7 5.3	1101
								04S/14W-18J02 S 19			133.0	11/09/72 4/03/73	143.3 141.6	-10.3 -8.6	1101 5050
								04S/14W-18K01 S 19			73.0	11/09/72 4/03/73	71.2 73.8	1.8 -0.8	1101 5050
								04S/14W-18O01 S 19			100.0	11/09/72 4/05/73	96.7 95.1	3.3 4.9	1101
								04S/14W-18O03 S 19			103.0 102.0	11/09/72 4/03/73	104.1 100.1	-1.1 1.9	1101 5050
								04S/14W-18Q02 S 19			102.7	10/25/72 4/05/73	115.4 110.8	-12.7 -8.1	1101
								04S/14W-18R03 S 19			102.7	10/25/72 4/05/73	106.0 99.1	-3.3 3.6	1101
								04S/14W-20D02 S 19			116.5	4/03/73	127.8	-11.3	5050
								04S/14W-20D03 S 19			116.4	4/03/73	106.5	9.9	5050
								04S/14W-20D05 S 19			116.5	12/18/72 4/03/73	113.4 113.6	3.1 2.9	1101
								04S/14W-20D06 S 19			125.0	10/26/72 11/30/72 1/04/73 2/01/73 3/01/73 4/03/73 6/01/73 7/26/73	125.7 120.8 120.5 122.3 121.3 120.4 120.3 120.7	-0.7 4.2 4.5 2.7 3.7 4.6 4.7 4.3	1101 5050 1101







TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA							U-05 U-05.A U-05.A2	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT SANTA MONICA HYDRO SUBAREA							U-05 U-05.A U-05.A3
055/13W-05A02	5	19	8.5	9/24/73	15.3	-6.8	1101	015/16W-34001	5	19	128.9	10/17/72	29.1	99.8	1101
055/13W-05C02	5		12.7	11/21/72	14.7	-2.0	1101					11/09/72	29.1	99.8	
				12/27/72	14.8	-2.1						12/11/72	29.0	99.9	
				1/31/73	15.9	-3.2						1/09/73	29.0	99.9	
				2/27/73	15.9	-3.2						2/06/73	28.8	100.1	
				3/29/73	15.8	-3.1						3/21/73	28.4	100.5	
				4/10/73	15.8	-3.1						4/12/73	28.4	100.5	
				5/31/73	15.3	-2.6						5/10/73	28.4	100.5	
				6/28/73	15.6	-2.9						6/22/73	28.3	100.6	
				7/31/73	16.4	-3.7						8/02/73	28.5	100.4	
				8/30/73	16.1	-3.4						9/06/73	28.6	100.3	
				9/25/73	15.9	-3.2									
055/13W-06801	5	19	15.0	11/21/72	40.7	-65.7	1101	015/16W-34004	5	19	142.2	10/17/72	33.2	109.0	1101
				4/10/73	42.1	-67.1						11/09/72	33.2	109.0	
												12/11/72	33.2	109.0	
												1/09/73	33.1	109.1	
												2/06/73	33.0	109.2	
												3/21/73	32.5	109.7	
												4/12/73	32.3	109.9	
												5/10/73	32.1	110.1	
												6/22/73	32.2	110.0	
												8/02/73	32.4	109.8	
												9/06/73	32.6	109.6	
055/13W-06802	5	19	15.2	3/26/73	21.9	-6.7	1101								
				4/24/73	22.1	-6.9									
				5/29/73	21.8	-6.6									
				6/25/73	21.7	-6.5									
				7/30/73	22.4	-7.2									
				8/27/73	22.3	-7.1									
055/13W-06804	5	19	24.0	11/21/72	38.3	-14.3	1101	015/16W-34006	5	19	142.9	10/17/72	28.8	114.1	1101
				4/10/73	37.5	-13.5						11/09/72	28.9	114.0	
												12/11/72	28.9	114.0	
												1/09/73	28.7	114.2	
												2/06/73	28.6	114.3	
												3/21/73	28.0	114.9	
												4/12/73	27.7	115.2	
												5/10/73	27.5	115.4	
												6/22/73	27.8	115.1	
												8/02/73	28.1	114.8	
												9/06/73	28.2	114.7	
055/13W-06805	5	19	24.0	10/30/72	31.7	-7.7	1101	015/16W-36K01	5		265.0	12/21/72	101.2	163.8	1101
				11/27/72	30.9	-6.9						4/17/73	100.4	164.6	
				12/27/72	30.2	-6.2									
				1/31/73	32.1	-8.1									
				2/27/73	30.9	-6.9									
				3/29/73	31.6	-7.6									
				4/27/73	31.1	-7.1									
				5/31/73	30.6	-6.6									
				6/28/73	31.0	-7.0									
				7/31/73	32.8	-8.8									
				8/30/73	32.6	-8.6									
				9/25/73	32.5	-8.5									
055/13W-06806	5	19	24.0	11/27/72	32.6	-8.6	1101	025/15W-01P02	5	19	83.7	10/11/72	67.9	15.8	1101
				12/27/72	31.8	-7.8						11/08/72	67.9	15.8	
				1/31/73	33.1	-9.1						12/11/72	68.0	15.7	
				2/27/73	32.4	-8.4						1/09/73	67.8	15.9	
				3/29/73	32.6	-8.6						2/16/73	68.0	15.7	
				4/27/73	32.6	-8.6						3/12/73	68.1	15.6	
				5/31/73	32.2	-8.2						4/09/73	67.9	15.6	
				6/28/73	32.4	-8.4						5/08/73	67.8	15.9	
				7/31/73	34.0	-10.0						7/03/73	67.5	16.2	
				8/30/73	33.9	-9.9						8/08/73	67.1	16.4	
				9/25/73	33.8	-9.8						9/04/73	67.3	16.4	
055/13W-08P01	5	19	9.3	11/22/72	19.1	-9.8	1101	025/15W-09N09	5	19	26.0	10/12/72	14.2	9.8	1101
				4/11/73	19.5	-10.2						11/08/72	16.1	9.9	
												12/11/72	15.4	10.6	
												1/09/73	15.4	10.6	
												2/16/73	15.1	10.9	
												7/12/73	15.1	10.9	
												4/11/73	15.0	11.0	
												5/07/73	15.1	10.9	
												7/03/73	15.3	10.7	
												8/08/73	15.4	10.6	
												9/04/73	15.4	10.6	
SANTA MONICA HYDRO SUBAREA							U-05.A3								
015/15W-12N01	5	19	470.0	10/12/72	62.2	407.8	1101	025/15W-11C07	5	19	98.8	10/12/72	156.0	-57.2	1101
				11/08/72	59.4	410.6						11/08/72	156.5	-57.7	
				1/12/73	69.5	400.5						12/11/72	154.5	-55.7	
				4/09/73	70.2	399.8						1/09/73	154.1	-55.3	
015/15W-23J01	5		308.3	12/20/72	FLOW		1101					2/16/73	155.1	-56.3	
				4/09/73	FLOW							3/09/73	136.0	-37.2	
015/15W-25C01	5		225.0	1/09/73	206.9	18.1	1101					4/11/73	160.5	-61.7	
				5/04/73	192.3	32.7						5/08/73	162.6	-63.8	
015/15W-28G01	5	19	334.0	12/20/72	74.1	259.9	1101					7/03/73	161.1	-62.3	
				4/10/73	70.0	264.0						8/08/73	161.8	-63.0	
												9/04/73	161.9	-63.1	
015/15W-29G01	5		353.0	12/20/72	76.6	276.4	1101	025/15W-11F05	5	19	91.0	10/14/72	144.5(5)	-53.5	1101
				4/10/73	76.0	277.0						11/14/72	144.5(5)	-53.5	
												12/14/72	144.5(5)	-53.5	
												1/14/73	144.5(5)	-53.5	
												2/14/73	144.5(5)	-53.5	
												3/14/73	139.5(5)	-48.5	
												4/14/73	139.5(5)	-48.5	
												5/14/73	141.5(5)	-50.5	
												6/07/73	141.5(5)	-50.5	
												7/14/73	141.5(5)	-50.5	
												8/14/73	137.5(5)	-46.5	
												9/14/73	147.5(5)	-56.5	
015/15W-31E01	5	19	310.0	10/12/72	88.3	221.7	1101	025/15W-11F08	5	19	92.5	10/14/72	148.0(5)	-55.5	1101
				11/08/72	87.8	222.2									

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT SANTA MONICA HYDRO SUBAREA							U-05 U-05.A U-05.A.3	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT HOLLYWOOD HYDRO SUBAREA							U-05 U-05.A U-05.A.4
025/15W-15F01 S (CONTINUED)	19		34.0	4/11/73 5/07/73 7/02/73 8/06/73 9/04/73	28.6 28.6 28.7 28.8 28.8	5.4 5.4 5.3 5.2 5.2	1101	015/14W-18J04 S (CONTINUED)			182.5	8/12/73 9/16/73	192.5(5) 192.5(5)	-10.0 -10.0	1101
CENTRAL HYDRO SUBAREA							U-05.A.5								U-05.A.5
025/15W-22D04 S	19		13.5	10/11/72 11/09/72 12/11/72 1/09/73 2/16/73 3/09/73 4/11/73 5/07/73 7/02/73 8/08/73 9/04/73	9.7 9.7 9.6 9.6 9.4 8.4 9.3 9.4 9.4 9.4 9.5	3.8 3.8 3.9 3.9 4.1 5.1 4.2 4.1 4.1 4.1 4.0	1101	015/12W-06H01 S			569.2	10/25/72 11/24/72 1/09/73 2/24/73 3/05/73 4/04/73 5/31/73 6/29/73 7/31/73 9/12/73	25.6 24.7 24.1 21.9 24.8 21.7 22.9 23.1 23.4 26.2	543.6 544.5 545.1 547.3 544.4 547.5 546.3 546.1 545.8 543.0	1101
025/15W-22E03 S	19		10.0	4/02/73	8.1	1.9	5050	015/12W-33P02 S	19		255.5	10/31/72 12/31/72 2/28/73 4/30/73 6/73/73 8/31/73	287.0 284.0 282.0 285.0 287.0 288.0	-31.5 -28.5 -26.5 -29.5 -31.5 -32.5	1101
025/15W-22F05 S	19		10.0	4/02/73	8.0	2.0	5050								
025/15W-22G01 S	5		11.0	12/14/72 4/18/73	0.0 0.0	4.2 4.0	1101	015/12W-34C05 S			360.0	10/01/72 11/01/72 12/01/72 7/01/73 8/01/73 9/01/73	FLOW FLOW FLOW FLOW FLOW FLOW	1101	
025/15W-22R03 S	19		9.0	4/02/73	10.6	-1.6	5050								
025/15W-23A03 S	19		17.4	12/14/72 4/18/73	18.2 17.4	-0.8 0.0	1101	015/13W-12K01 S			180.0	12/14/72	NM-9	1101	
025/15W-23M05 S	19		10.0	12/14/72 4/18/73	6.8 6.2	3.2 3.8	1101	015/13W-14E03 S			366.6	10/26/72 1/31/73 2/21/73 3/29/73 4/27/73 5/24/73 6/26/73 7/26/73 8/29/73 9/25/73	40.5 40.5 39.4 39.8 40.0 40.2 39.4 40.4 40.0 40.4	326.1 326.1 327.7 326.8 326.6 326.4 327.2 326.2 326.6 326.2	1200
025/15W-23P01 S	19		11.3	12/15/72	21.1	-9.8	1101								
025/15W-27F02 S	19		15.5	12/14/72 4/18/73	14.0 14.3	1.5 1.2	1101	015/13W-15H01 S			352.3	10/26/72 11/28/72 12/27/72 1/31/73 2/21/73 3/29/73 4/24/73 5/24/73 6/26/73 7/26/73 8/29/73 9/25/73	52.8 53.0 52.9 53.8 52.5 53.1 51.1 51.0 49.1 49.8 50.5 51.6	299.5 299.3 299.4 298.5 299.8 299.2 301.2 301.3 303.2 302.5 301.8 300.7	1200
025/15W-27L02 S	19		4.0	4/02/73	1.5	2.5	5050								
025/15W-28J01 S	19		10.0	12/14/72 4/18/73	7.6 7.8	2.4 2.2	1101								
025/15W-28Q01 S	19		12.9	12/14/72 4/18/73	11.0 10.6	1.9 2.3	1101								
025/15W-28R02 S	19		10.1	12/14/72 4/18/73	6.4 7.4	3.7 2.7	1101								
HOLLYWOOD HYDRO SUBAREA							U-05.A.4								
015/14W-14E01 S	19		280.0	10/11/72 11/30/72 12/11/72 1/09/73 3/12/73 4/10/73 5/08/73 6/01/73 7/03/73 8/10/73 9/04/73	19.7 19.5 19.4 19.5 17.8 18.0 18.5 18.7 18.8 18.9 19.0	260.3 260.5 260.6 260.5 262.2 262.0 261.5 261.3 261.2 261.1 261.0	1101	015/13W-15P02 S	19		321.3	10/26/72 11/28/72 12/27/72 1/31/73 2/21/73 3/29/73 4/27/73 5/24/73 6/26/73 7/26/73 8/29/73 9/25/73	32.2 32.2 31.3 31.8 31.5 31.3 31.2 31.3 49.1 49.8 50.5 51.6	289.1 289.1 290.0 289.5 289.8 290.0 290.1 290.0 303.2 302.5 301.8 300.7	1200
015/14W-17F02 S	5		188.0	10/15/72 11/19/72 12/17/72 1/14/73 2/18/73 3/17/73 4/15/73 5/13/73 6/17/73 7/15/73 8/12/73 9/16/73	190.0(5) 190.0(5) 190.0(5) 188.0(5) 188.0(5) 183.0(5) 176.0(5) 177.0(5) 178.0(5) 178.0(5) 178.0(5) 180.0(5)	-2.0 -2.0 -2.0 0.0 0.0 5.0 12.0 11.0 10.0 10.0 10.0 8.0	1101	015/13W-15P03 S	19		322.1	10/26/72 11/28/72 1/31/73 2/21/73 3/29/73 5/24/73	29.3 29.4 29.2 28.9 28.6 28.2	292.8 292.7 292.9 293.2 293.5 293.4	1200
015/14W-18J02 S	19		178.0	10/15/72 11/19/72 12/17/72 1/14/73 2/18/73 3/17/73 4/15/73 5/13/73 6/17/73 7/15/73 8/12/73 9/16/73	202.5(5) 201.5(5) 201.5(5) 201.5(5) 200.5(5) 208.5(5) 203.5(5) 197.5(5) 198.5(5) 198.5(5) 179.5(5) 183.5(5)	-24.5 -23.5 -23.5 -23.5 -22.5 -30.5 -25.5 -19.5 -20.5 -20.5 -1.5 -5.5	1101	015/13W-22P01 S	5		296.4	10/11/72 11/06/72 12/13/72 1/10/73 2/22/73 3/05/73 4/04/73 5/08/73 6/01/73 7/03/73 8/10/73 9/05/73	35.2 35.2 35.1 35.1 35.1 34.0 34.6 34.6 34.7 34.7 34.9 35.4	261.2 261.2 261.3 261.3 261.3 262.4 261.8 261.8 261.7 261.7 261.5 261.0	1101
015/14W-18J04 S	5		182.5	10/15/72 11/19/72 12/17/72 1/14/73 2/18/73 3/17/73 4/15/73 5/13/73 6/17/73 7/15/73 8/12/73 9/16/73	195.5(5) 197.5(5) 197.5(5) 197.5(5) 196.5(5) 196.5(5) 195.5(5) 195.5(5) 194.5(5) 202.5(5) 214.5(5)	-13.0 -15.0 -15.0 -14.0 -14.0 -13.0 -13.0 -12.0 -20.0 -32.0	1101	015/13W-23N01 S	5		301.0	12/13/72 4/04/73	22.6 22.3	278.4 278.7	1101
								015/13W-27O02 S	19		268.0	12/13/72 5/04/73	56.0 52.5	212.0 215.5	1101
								015/13W-32J01 S	5		242.3	12/18/72	145.1	97.2	1101
								015/13W-33A01 S	5		260.0	1/17/73 4/12/73	112.2 112.2	147.8 147.8	1101
								015/13W-35F01 S	5		523.8	10/27/72 11/28/72 12/27/72 1/26/73 2/23/73 3/29/73	6.6 5.4 5.7 5.6 4.2 4.6	517.2 518.4 518.1 518.2 519.6 519.2	1200

See page 79 for key to terms & abbreviations





TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA		
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA									
								U-05 U-05.A U-05.A5									
025/11W-07008 5 19			191.1	6/25/73	20.0	171.1	1101	025/11W-16002 5			307.0	8/14/73	92.0 (5)	215.0	1101		
(CONTINUED)				7/23/73	20.3	170.8		(CONTINUED)				9/14/73	92.0 (5)	215.0			
				8/27/73	18.7	172.4						10/23/72	52.0	133.0	1733		
				9/24/73	16.7	174.4						11/27/72	46.7	138.3			
025/11W-07H01 5 19			187.9	11/28/72	22.0 (5)	165.9	1101					12/26/72	42.0	143.0			
				12/27/72	16.0 (5)	171.9						1/22/73	38.6	146.4			
				1/23/73	18.0 (5)	169.9						2/26/73	35.3	149.7			
				2/26/73	16.0 (5)	171.9						3/26/73	33.0	152.0			
				3/26/73	14.0 (5)	173.9						4/23/73	31.5	153.5			
				4/10/73	18.7	169.2						5/28/73	29.7	155.3			
				6/25/73	14.0 (5)	173.9						6/25/73	30.0	155.0			
				7/23/73	14.0 (5)	173.9						7/23/73	28.3	156.7			
				8/27/73	13.0 (5)	174.9						8/27/73	27.7	157.3			
				9/24/73	12.0 (5)	175.9						9/24/73	27.2	157.8			
025/11W-07H02 5 19			190.2	4/10/73	14.8	175.4	1101	025/11W-18A05 5 19			178.0	2/12/73	45.0	133.0	1101		
025/11W-07H03 5 19			192.6	4/10/73	15.8	176.8	1101					7/24/73	49.0	129.0			
025/11W-07H04 5 19			191.0	11/20/72	21.8	169.2	1101	025/11W-18C03 5 19			180.5	2/12/73	51.0	129.5	1101		
				4/10/73	14.2	176.8						7/24/73	44.1	136.4			
025/11W-07J01 5 19			187.0	10/16/72	21.5	165.5	1101	025/11W-18M01 5 19			211.5	10/24/72	80.9	130.6	1101		
				11/20/72	17.5	169.5						11/27/72	79.7	131.8			
				12/11/72	15.5	171.5						12/26/72	77.0	134.5			
				1/01/73	14.5 (5)	172.5						1/22/73	73.7	137.8			
				2/05/73	13.5 (5)	173.5						2/26/73	70.0	141.5			
				3/12/73	11.5 (5)	175.5						3/27/73	66.5	145.0			
				4/23/73	7.5 (5)	179.5						4/23/73	65.6	145.9			
				5/28/73	7.5 (5)	179.5						5/29/73	63.8	147.7			
				6/18/73	7.5 (5)	179.5						6/25/73	64.7	146.8			
				7/02/73	7.5 (5)	179.5						7/23/73	62.7	148.8			
				8/06/73	8.5	178.5						8/27/73	61.0	150.5			
				9/03/73	7.5	179.5						9/24/73	61.0	150.5			
025/11W-07J03 5 19			189.4	11/17/72	15.1	174.3	1101	025/11W-18K02 5 19			178.0	10/24/72	79.6	98.4	1101		
				4/10/73	14.0	175.4						11/27/72	78.5	99.5			
025/11W-07J05 5 19			186.7	4/10/73	14.2	172.5	1101					12/26/72	70.6	107.4			
025/11W-07J06 5 19			189.8	4/10/73	16.9	172.9	1101					1/22/73	66.4	113.6			
025/11W-07K01 5 19			186.5	4/10/73	23.2	163.3	1101					2/26/73	58.6	119.4			
025/11W-07M04 5 19			186.0	2/12/73	38.6	147.4	1101					3/27/73	56.0	124.0			
025/11W-07P01 5			184.5	10/24/72	DRY		1101					4/23/73	53.5	124.5			
				11/28/72	DRY							5/29/73	51.8	126.2			
				12/27/72	DRY							6/25/73	51.5	126.5			
				1/23/73	DRY							7/23/73	48.6	129.4			
				2/26/73	DRY							8/27/73	47.2	130.8			
				3/27/73	NM-6							9/24/73	47.5	130.5			
025/11W-07P02 5 19			185.0	6/25/73	36.5 (4)	148.5	1733	025/11W-18K03 5 19			173.0	10/16/72	77.3	95.7	1101		
				7/23/73	34.7 (4)	150.3						11/13/72	76.3	96.7			
				8/27/73	32.5 (4)	152.5						12/18/72	72.3	100.7			
				9/24/73	33.8 (4)	151.2						1/01/73	69.3 (5)	103.7			
025/11W-07003 5 19			187.9	4/10/73	24.9	163.0	1101					2/05/73	61.3 (5)	111.7			
025/11W-07R01 5 19			183.5	11/20/72	32.4	151.1	1101					3/12/73	51.3 (5)	119.7			
			185.5	4/10/73	19.5	166.0						4/23/73	52.3 (5)	120.7			
				8/27/73	16.6	168.9						5/28/73	50.3 (5)	122.7			
				9/24/73	16.5	169.0						6/18/73	50.3 (5)	122.7			
025/11W-07R02 5			186.1	4/10/73	15.5	170.6	1101					7/02/73	51.3 (5)	121.7			
025/11W-08D04 5 19			201.5	4/10/73	18.0	183.5	1101					8/06/73	48.3	124.7			
025/11W-08F02 5 19			199.0	11/17/72	16.4	182.6	1101					9/03/73	44.3	128.7			
				4/10/73	15.3	183.7						025/11W-18L08 5 19	173.4	10/24/72	72.9	100.7	1101
025/11W-08F02 5 19			197.0	11/17/72	9.1	187.9	1101					11/27/72	69.7	103.9			
				4/10/73	9.4	187.6						12/26/72	63.9	109.7			
025/11W-08M01 5 19			197.2	11/20/72	22.8	174.4	1101					1/22/73	57.5	116.1			
				4/10/73	18.9	178.3						2/26/73	51.6	122.0			
025/11W-08N01 5 19			202.0	10/23/72	47.2	154.8	1733					3/27/73	48.2	125.4			
				11/27/72	40.7	161.3						4/23/73	48.1	125.5			
				12/26/72	37.0	165.0						5/29/73	46.3	127.3			
				1/22/73	35.4	166.6						6/25/73	46.4	127.2			
				2/26/73	33.7	168.3						7/23/73	44.4	129.2			
				3/26/73	31.7	170.3						8/27/73	42.8	130.8			
				4/23/73	31.7	170.3						9/24/73	44.5	129.1			
				5/28/73	30.8	171.2						025/11W-18L09 5 19	172.5	10/24/72	44.2	128.3	1101
				6/25/73	30.7	171.3						11/27/72	36.5	136.0			
				7/23/73	30.1	171.9						12/26/72	29.3	143.2			
				8/27/73	29.5	172.5						1/22/73	24.7	147.8			
				9/24/73	29.9	172.1						2/26/73	24.3	148.2			
025/11W-16002 5			307.0	10/14/72	96.0 (5)	211.0	1101					3/27/73	25.2	147.3			
				11/14/72	94.0 (5)	213.0						4/23/73	24.0	148.5			
				12/14/72	92.5 (5)	214.5						5/29/73	18.2	154.1			
				1/14/73	93.0 (5)	214.0						6/25/73	18.0	154.5			
				2/14/73	93.0 (5)	214.0						7/23/73	14.5	158.0			
				3/14/73	90.0 (5)	217.0						8/27/73	14.7	157.8			
				4/14/73	83.0 (5)	224.0						9/24/73	14.2	158.3			
				5/14/73	86.0 (5)	221.0						025/11W-18M03 5 19	177.0	10/24/72	88.5	88.5	1101
				6/14/73	88.0 (5)	219.0						11/27/72	87.4	89.6			
				7/21/73	89.0 (5)	218.0						12/26/72	74.2	102.8			
												1/22/73	63.1	113.9			
												2/26/73	52.8	124.2			
												3/27/73	46.5	130.5			
												4/23/73	46.1	130.4			
												5/29/73	43.8	133.2			
												6/25/73	43.0	134.0			
												7/23/73	41.7	135.3			



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
025/11W-18001 S 19			175.0	12/15/72	72.5(5)	102.5	1101	025/11W-19M01 S 19			160.0	12/07/72	74.3	85.7	1101
(CONTINUFO)				1/11/73	65.5(5)	109.5						4/05/73	54.2	105.8	
				2/15/73	62.5(5)	112.5		025/11W-19M03 S 19			160.0	10/23/72	62.0	98.0	1733
				3/15/73	59.5(5)	115.5						11/27/72	48.4	111.6	
				4/15/73	51.5(5)	123.5						12/26/72	42.7	117.3	
				5/15/73	57.5(5)	117.5						1/22/73	37.4	122.6	
				6/15/73	53.5(5)	121.5						2/26/73	35.6	124.4	
				7/15/73	56.5(5)	118.5						3/26/73	29.8	130.2	
				8/15/73	51.5(5)	123.5						4/23/73	29.5	130.5	
				9/15/73	52.5(5)	122.5						5/28/73	30.1	129.9	
025/11W-18006 S 19			170.0	10/20/72	79.5(5)	90.5	1101	025/11W-29F05 S 19			155.0	10/24/72	56.8	98.2	1101
				11/20/72	82.5(5)	87.5						11/27/72	56.9	98.1	
				12/15/72	72.5(5)	97.5						12/26/72	54.5	100.5	
				1/11/73	65.5(5)	104.5						1/22/73	54.3	100.7	
				2/15/73	62.5(5)	107.5						2/26/73	49.9	105.1	
				3/15/73	63.5(5)	106.5						3/28/73	47.2	107.8	
				4/15/73	52.5(5)	117.5						4/23/73	46.7	108.3	
				5/15/73	52.5(5)	117.5						5/29/73	45.8	109.2	
				6/15/73	53.5(5)	116.5						6/25/73	45.2	109.8	
				7/15/73	56.5(5)	113.5						7/23/73	43.4	111.6	
				8/15/73	51.5(5)	118.5						8/28/73	42.1	112.9	
				9/15/73	50.5(5)	119.5						9/24/73	41.9	113.1	
025/11W-19C01 S 19			170.3	11/27/72	19.7	150.6	1101	025/11W-30M01 S 19			158.5	10/24/72	65.4	93.1	1101
				12/26/72	38.6	131.7						11/27/72	62.8	95.7	
				1/22/73	27.8	142.5						12/26/72	57.1	101.4	
				2/26/73	32.7	137.6						1/22/73	54.0	104.5	
				3/27/73	29.5	140.8						2/26/73	49.5	109.0	
				4/23/73	18.5	151.8						3/27/73	45.5	113.0	
				5/29/73	8.6	161.7						4/23/73	45.4	113.1	
				6/25/73	21.6	148.7						5/29/73	44.2	114.3	
				7/23/73	26.0	144.3						6/25/73	42.2	116.3	
				8/27/73	10.8	159.5						7/23/73	39.1	119.4	
				9/24/73	15.7	154.6						8/27/73	39.2	119.3	
												9/24/73	39.5	119.0	
025/11W-19F07 S 19			161.3	1/22/73	42.6	118.7	1101	025/11W-30G02 S 19			157.7	12/06/72	55.6	102.1	1101
				2/26/73	36.0	125.3						1/22/73	54.9	102.8	
				3/27/73	32.6	128.7						2/26/73	51.3	106.4	
				4/23/73	34.6	126.7						3/28/73	49.1	108.6	
				5/29/73	31.4	129.9						4/23/73	47.7	110.0	
				6/25/73	31.6	129.7						5/29/73	52.1	105.6	
				7/23/73	27.1	134.2						6/25/73	44.2	113.5	
				8/23/73	24.6	136.7						7/23/73	42.5	115.2	
				9/24/73	26.6	134.7						8/27/73	40.1	117.6	
												9/24/73	40.6	117.1	
025/11W-19F08 S 19			160.2	11/27/72	1.4	158.8	1101	025/11W-30M01 S 19			151.5	10/24/72	71.5	80.0	1101
				12/26/72	8.4	151.8						11/27/72	65.4	86.1	
				1/22/73	2.1	158.1						12/26/72	60.9	90.6	
				2/26/73	6.6	153.6						1/22/73	59.0	92.5	
				3/27/73	3.5	156.7						2/26/73	55.7	95.2	
				4/23/73	9.4	150.8						3/27/73	49.0	102.7	
				5/29/73	0.4	159.8						4/23/73	50.4	101.1	
				6/24/73	7.4	152.8						5/29/73	48.5	103.0	
				7/23/73	-0.7	160.9						6/25/73	48.0	103.5	
				8/27/73	7.4	152.8						7/23/73	46.1	105.4	
				9/24/73	1.0	159.2						8/23/73	44.4	107.1	
025/11W-19F09 S 19			160.9	10/24/72	44.9	116.0	1101					9/24/73	43.8	107.7	
				11/27/72	46.1	114.8		025/11W-31R04 S			155.0	6/28/73	64.5	90.5	1101
				12/26/72	46.2	114.7						7/23/73	60.2	94.2	
				1/22/73	46.0	114.9						8/27/73	58.3	96.7	
				2/26/73	43.1	117.8						9/24/73	57.4	97.6	
				3/27/73	37.2	123.7		025/11W-32J04 S 19			144.0	12/12/72	42.0	102.0	1101
				4/23/73	35.0	125.9						4/06/73	38.1	105.9	
				5/29/73	35.3	125.6						10/24/72	46.1	103.9	1101
				6/25/73	33.3	127.6						12/06/72	44.7	105.3	
				7/23/73	30.5	130.4						1/22/73	43.4	106.6	
				8/27/73	26.3	134.6						2/26/73	46.5	103.5	
				9/24/73	24.8	136.1						3/27/73	43.8	106.2	
025/11W-19E14 S 19			164.4	10/24/72	65.0	99.4	1101	025/11W-32K05 S 19			150.0	10/24/72	46.1	103.9	1101
				11/27/72	54.9	109.5						12/06/72	44.7	105.3	
				12/26/72	51.3	113.1						1/22/73	43.4	106.6	
				1/22/73	44.6	119.8						2/26/73	46.5	103.5	
				2/26/73	39.6	124.8						3/27/73	43.8	106.2	
				3/27/73	32.7	131.7						5/29/73	42.0	108.0	
				4/23/73	32.7	131.7						6/25/73	43.9	106.1	
				5/29/73	29.4	135.0						7/23/73	42.0	108.0	
				6/25/73	27.7	136.7						8/27/73	43.0	107.0	
				7/23/73	30.2	134.2						9/24/73	42.0	108.0	
				8/27/73	28.6	135.8		025/11W-19F01 S 19			159.0	12/07/72	70.9(8)	88.1	1101
				9/24/73	27.6	136.8						4/11/73	50.2	108.8	
025/11W-19F01 S 19			159.0	12/07/72	70.9(8)	88.1	1101	025/11W-32003 S 19			153.0	4/06/73	66.0	87.0	1101
				4/11/73	50.2	108.8						10/16/72	40.8	107.2	1733
025/11W-19F02 S 19			168.0	10/20/72	79.0(5)	89.0	1101	025/11W-33F02 S 19			148.0	11/06/72	41.3	106.7	
				11/20/72	72.0(5)	96.0						12/18/72	40.2	107.8	
				12/15/72	66.0(5)	102.0						1/08/73	39.9	108.1	
				1/11/73	62.0(5)	106.0						2/19/73	38.4	109.6	
				2/15/73	55.0(5)	113.0						3/12/73	37.8	110.2	
				3/15/73	55.0(5)	113.0						4/02/73	37.1	110.9	
				4/15/73	50.0(5)	118.0						5/14/73	37.2	110.8	
				5/15/73	56.0(5)	112.0						6/04/73	36.9	111.1	
				6/15/73	46.0(5)	122.0						7/16/73	37.5	110.5	
				7/15/73	43.0(5)										



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SURUNIT CENTRAL HYDRO SURAREA							
								U-05 U-05.A U-05.A5							
025/12W-08F01	5	19	161.0	2/28/73	195.4	-34.4	1101	025/12W-12A06	5	19	181.0	9/24/73	5.1	175.9	1101
(CONTINUED)				4/30/73	197.4	-36.4		025/12W-12F05	5	19	200.0	10/18/72	110.0(5)	90.0	1101
				6/30/73	200.4	-39.4						11/18/72	107.0(5)	93.0	
				8/31/73	201.4	-40.4						12/18/72	106.0(5)	94.0	
025/12W-08K01	5	19	157.5	10/31/72	166.0	-8.5	1101					1/16/73	94.0(5)	106.0	
				12/31/72	163.0	-5.5						2/16/73	91.0(5)	109.0	
				2/28/73	159.0	-1.5						3/19/73	87.0(5)	113.0	
				4/30/73	161.0	-3.5						4/15/73	92.0(5)	108.0	
				6/30/73	162.0	-4.5						5/19/73	86.0(5)	114.0	
				8/31/73	164.0	-6.5						6/19/73	86.0(5)	114.0	
025/12W-08P01	5	19	148.4	10/31/72	184.0	-35.6	1101					7/16/73	89.0(5)	111.0	
				12/31/72	177.0	-28.6						8/16/73	84.0(5)	116.0	
				2/28/73	173.0	-24.6						9/16/73	82.0(5)	118.0	
				4/30/73	176.0	-27.6		025/12W-12F06	5	19	205.0	10/18/72	104.0(5)	101.0	1101
				6/30/73	178.0	-29.6						11/18/72	103.0(5)	102.0	
				8/31/73	180.0	-31.6						12/18/72	100.0(5)	105.0	
025/12W-09M01	5	19	160.0	10/31/72	155.0	5.0	1101					1/16/73	94.0(5)	111.0	
				12/31/72	151.0	9.0						2/21/73	94.0(5)	111.0	
				2/28/73	153.0	7.0						3/18/73	86.0(5)	119.0	
				4/30/73	151.0	9.0						4/19/73	92.0(5)	113.0	
				6/30/73	151.0	9.0						5/18/73	87.0(5)	118.0	
				8/31/73	153.0	7.0						6/15/73	90.0(5)	115.0	
025/12W-09M02	5	19	160.0	10/31/72	157.6	2.4	1101					7/23/73	90.0(5)	115.0	
				12/31/72	149.6	10.4						8/16/73	93.0(5)	112.0	
				2/28/73	147.6	12.4						9/16/73	79.0(5)	126.0	
				4/30/73	147.6	12.4		025/12W-12F04	5	19	178.0	10/24/72	38.7	139.3	1101
				6/30/73	148.6	11.4						11/27/72	40.3	137.7	
				8/31/73	149.6	10.4						12/27/72	38.9	139.1	
025/12W-10J01	5	19	193.1	10/31/72	113.0	80.1	1101					1/23/73	36.4	141.6	
				12/31/72	107.0	86.1						2/26/73	26.4	151.4	
				4/30/73	106.0	87.1						3/27/73	25.6	152.4	
				8/31/73	93.0	100.1						4/23/73	28.1	149.9	
025/12W-10K03	5		193.0	10/31/72	NM-0		1101					5/29/73	28.0	150.0	
025/12W-10O02	5	19	187.7	10/02/72	118.4	69.3	1733					6/25/73	27.8	150.2	
				11/06/72	118.7	69.0						8/27/73	24.6	153.4	
				12/04/72	116.3	71.4						9/24/73	15.0	163.0	
				1/01/73	111.9	75.8		025/12W-12M02	5	19	211.0	10/18/72	95.0(5)	116.0	1101
				2/05/73	108.3	79.4						11/18/72	92.0(5)	119.0	
				3/05/73	103.1	84.6						12/18/72	93.0(5)	118.0	
				4/02/73	101.0	86.7						1/16/73	93.0(5)	118.0	
				5/07/73	100.5	87.2						2/21/73	80.0(5)	131.0	
				6/04/73	99.0	88.7						3/17/73	76.0(5)	135.0	
				7/02/73	98.6	89.1						4/17/73	83.0(5)	128.0	
				8/06/73	98.3	89.4						5/18/73	95.0(5)	116.0	
				9/03/73	98.0	89.7						6/16/73	94.0(5)	117.0	
025/12W-11P03	5	19	181.7	11/27/72	77.5(5)	104.2	1101					7/16/73	95.0(5)	116.0	
				1/24/73	73.1	108.6						8/16/73	88.0(5)	123.0	
				3/27/73	54.5(5)	127.2						9/16/73	85.0(5)	126.0	
				5/29/73	51.5(5)	130.2		025/12W-12N01	5	19	173.0	10/20/72	66.5(5)	106.5	1101
				6/27/73	50.5(5)	131.2						11/20/72	60.5(5)	112.5	
				7/23/73	49.5(5)	132.2						12/15/72	55.5(5)	117.5	
				8/27/73	49.5(5)	132.2						1/11/73	50.5(5)	122.5	
				9/24/73	49.5(5)	132.2						2/15/73	41.5(5)	131.5	
025/12W-12A01	5	19	185.0	10/20/72	33.0(5)	152.0	1101					3/15/73	36.5(5)	136.5	
				11/20/72	35.0(5)	150.0						4/15/73	34.5(5)	138.5	
				12/15/72	30.0(5)	155.0						5/15/73	32.5(5)	140.5	
				1/11/73	28.0(5)	157.0						6/15/73	32.5(5)	140.5	
				2/15/73	26.0(5)	159.0						7/15/73	28.5(5)	144.5	
				3/15/73	21.0(5)	164.0						8/15/73	30.5(5)	142.5	
				4/15/73	21.0(5)	164.0						9/15/73	29.5(5)	143.5	
				5/15/73	21.0(5)	164.0		025/12W-12P01	5	19	181.0	10/23/72	63.2	117.8	1733
				6/15/73	22.0(5)	163.0						11/27/72	60.5	120.5	
				7/15/73	23.0(5)	163.0						12/26/72	55.2	125.4	
				8/15/73	21.0(5)	165.0						1/22/73	50.7	130.3	
				9/15/73	20.0(5)	166.0						2/26/73	41.4	139.6	
025/12W-12A03	5	19	185.0	11/10/72	29.0	156.0	1101					3/26/73	37.5	143.5	
				4/03/73	15.4	169.6						4/23/73	37.6	143.4	
025/12W-12A05	5	19	186.0	10/20/72	35.0(5)	151.0	1101					5/28/73	35.9	145.1	
				11/20/72	34.0(5)	152.0						6/25/73	35.2	145.8	
				12/15/72	32.0(5)	154.0						7/23/73	34.6	146.4	
				1/11/73	30.0(5)	156.0						8/27/73	32.9	148.1	
				2/15/73	27.0(5)	159.0						9/24/73	36.1	144.9	
				3/15/73	23.0(5)	163.0		025/12W-13B02	5	19	175.0	10/24/72	64.2	110.8	1101
				4/15/73	24.0(5)	162.0						11/27/72	58.5	116.5	
				5/15/73	23.0(5)	163.0						12/27/72	50.5	124.5	
				6/15/73	23.0(5)	163.0						1/23/73	49.0	126.0	
				7/15/73	21.0(5)	164.0						2/26/73	35.5	139.5	
				8/15/73	19.0(5)	166.0						3/27/73	32.5	142.5	
				9/15/73	18.0(5)	167.0						4/24/73	34.2	140.8	
025/12W-12A06	5	19	181.0	10/24/72	25.4	155.6	1101					5/29/73	30.0	145.0	
				11/27/72	26.1	154.9						6/25/73	30.2	144.8	
				12/27/72	24.1	156.9						7/23/73	29.1	145.9	
				1/23/73	21.8	159.2						8/27/73	27.5	147.5	
				2/26/73	11.8	169.2						9/24/73	33.1	141.9	
				3/27/73	16.5	164.5		025/12W-13C01	5	19	170.0	10/24/72	78.6	91.4	1101
				4/24/73	16.1	164.9						11/28/72	66.8	103.2	
				5/29/73	17.0	164.0						12/26/72	37.6	132.4	
				6/25/73	17.1	163.9						1/23/73	39.6	130.4	
				7/23/73	16.0	164.2									



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
025/12W-13C01 5 19 (CONTINUED)			170.0	8/28/73 9/25/73	27.7 39.9	142.3 130.1	1101	025/12W-13M04 5 19 (CONTINUED)			165.4	7/24/73 8/28/73 9/25/73	26.3 25.4 40.4	139.1 140.0 125.0	1101
025/12W-13E01 5 19			173.7	10/02/72 11/06/72 12/04/72 1/01/73 2/05/73 3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/03/73	81.2 76.1 66.2 38.3 33.3 26.6 32.8 22.1 21.4 20.8 13.1 26.9	92.5 97.6 107.5 135.4 140.4 147.1 140.9 151.6 152.3 152.9 160.6 146.8	1733	025/12W-14A08 5 19			169.0	10/25/72 11/27/72 12/26/72 1/24/73 2/26/73 3/27/73 4/23/73 5/29/73 6/27/73 7/24/73 8/27/73 9/24/73	83.0 75.6 65.5 56.5 50.6 47.1 51.6(2) 44.7(2) 43.6 52.4(4) 54.2(4) 53.4(4)	86.0 93.4 103.5 112.4 118.4 121.9 117.4 124.3 125.4 116.6 114.8 115.6	1101
025/12W-13F02 5 19			169.7	12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73 7/24/73 8/28/73 9/25/73	17.9 24.4 18.6 22.9 32.2 7.5 7.8 7.1 20.0 38.0	151.8 145.3 151.1 146.8 137.5 162.2 161.9 162.6 149.7 131.7	1101	025/12W-14G05 5 19			163.1	12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/30/73 6/26/73 7/24/73 8/28/73 9/25/73	51.2 34.2 33.7 26.6 37.6 30.4 23.9 24.7 22.3 43.1	111.9 128.9 129.4 136.5 125.5 132.7 139.2 138.4 140.8 120.0	1101
025/12W-13F06 5 19			167.0	10/24/72 11/28/72 12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73 7/24/73 8/28/73 9/25/73	76.6 63.9 23.8 31.1 22.7 25.4 32.1 9.9 9.6 25.3 22.8 36.2	90.4 103.1 143.2 135.9 144.3 141.6 134.9 157.1 157.4 141.7 144.2 130.8	1101	025/12W-14J01 5 19			165.0	12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73 7/24/73 8/28/73 9/25/73	43.7 17.1 19.2 14.4 29.6 17.4 15.2 18.0 7.5 40.0	121.3 147.9 145.8 150.6 135.4 147.4 149.8 147.0 157.5 125.0	1101
025/12W-13J02 5 19			174.0	1/22/73 2/26/73 3/28/73 4/23/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	64.6(3) 52.8(3) 43.0 47.0 44.3 43.5 41.0 39.9 41.3	109.4 121.2 131.0 127.0 129.7 130.5 133.0 134.1 132.7	1101	025/12W-14J03 5 19			168.1	12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73 7/24/73 8/28/73 9/25/73	38.9 16.3 18.6 17.4 32.0 17.5 16.9 17.7 9.8 40.6	129.2 151.8 149.5 150.7 136.1 150.6 151.2 150.4 158.3 127.5	1101
025/12W-13L05 5 19			174.0	12/08/72 2/12/73 4/03/73	75.3 57.0 52.6	98.7 117.0 121.4	1101	025/12W-14K02 5 19			162.0	1/23/73 2/26/73 3/27/73 4/24/73 5/30/73 6/26/73 7/24/73 8/28/73 9/25/73	36.0 29.6 24.0 36.7 31.6 23.5 26.5 25.6	126.0 132.4 138.6 125.1 130.4 138.5 135.5 136.4	1101
025/12W-13M01 5 19			166.1	10/24/72 11/28/72 12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73 7/24/73 8/28/73 9/25/73	85.3 80.3 72.1 67.6 60.5 57.5 59.0 55.4 55.0 53.7 53.1 58.0	80.8 85.8 94.0 98.5 105.6 108.6 107.1 110.7 111.1 112.4 113.0 108.1	1101	025/12W-14P01 5 19			158.1	10/24/72 11/28/72 12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/30/73 6/26/73 7/24/73 8/28/73 9/25/73	83.3 82.7 67.0 51.4 38.2 32.6 40.6 38.7 31.6 34.7 37.3 47.9	74.8 75.4 91.1 104.7 119.9 125.5 117.5 118.4 126.5 123.4 120.8 110.2	1101
025/12W-13M02 5 19			165.1	10/24/72 11/28/72 12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73 7/24/73 8/28/73 9/25/73	86.0 80.1 69.0 64.2 56.4 53.1 56.4 52.3 51.9 50.3 49.9 58.1	79.1 85.0 96.1 100.9 108.7 112.0 108.7 112.8 113.2 114.8 115.2 107.0	1101	025/12W-14Q04 5 19			151.7	12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/30/73 6/26/73 7/24/73 8/28/73 9/25/73	58.4 45.0 31.2 22.8 37.9 36.8 26.5 31.0 32.8 45.0	93.3 106.7 120.5 128.9 113.8 114.9 125.2 120.7 118.9 106.7	1101
025/12W-13M03 5 19			165.2	10/24/72 11/28/72 12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73 7/24/73 8/28/73 9/25/73	86.1 77.0 61.2 54.2 46.4 43.8 49.4 41.5 40.0 39.3 40.7 52.4	79.1 88.2 104.0 111.0 118.8 121.4 115.8 123.7 125.2 125.9 124.5 112.8	1101	025/12W-14R06 5 19			162.2	10/24/72 11/28/72 12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/30/73 6/26/73 7/24/73 8/28/73 9/25/73	75.3 66.1 45.7 32.7 16.5 14.7 32.0 23.2 20.3 24.6 22.1 40.5	86.9 96.1 116.5 129.5 145.7 147.5 130.2 139.0 141.9 137.6 140.1 121.7	1101
025/12W-13M04 5 19			165.4	10/24/72 11/28/72 12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73	83.8 70.2 50.4 37.3 29.6 28.0 37.9 26.9 26.0	81.6 95.2 115.0 128.1 135.8 137.4 127.5 138.5 139.4	1101	025/12W-15J03 5 19			187.0	4/05/73	95.1(4)	91.9	1101
								025/12W-15N01 5 19			157.9	12/14/72 4/11/73	114.9 99.1(8)	43.0 58.8	1101
								025/12W-15O01 5 19			176.0	10/25/72	113.1	62.9	1101



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GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5							
025/12W-15001 S 19			176.0	11/27/72	116.2	59.8	1101	025/12W-20H01 S 19			139.0	4/09/73	146.6(4)	-7.6	1101
(CONTINUED)				12/26/72	117.2	58.8						10/02/72	127.7(6)	3.3	1101
				1/24/73	111.0	65.0		025/12W-20R01 S 19			131.0	11/29/72	127.7(6)	3.3	
				2/26/73	106.5	69.5						3/29/73	111.2(5)	19.8	
				3/27/73	100.5	75.5						4/30/73	112.2(5)	18.8	
				4/23/73	99.8	76.2						5/31/73	114.2(5)	16.8	
				5/29/73	96.5	79.5						6/28/73	114.2(5)	16.8	
				6/27/73	94.2	81.8						7/31/73	119.2(5)	11.8	
				7/23/73	92.7	83.3						8/30/73	113.2(5)	17.8	
				8/27/73	92.1	83.9						9/28/73	113.2(6)	17.8	
				9/24/73	92.7	83.3									
025/12W-16001 S 19			181.7	10/23/72	175.5	6.2	1733	025/12W-21R05 S 19			151.2	10/31/72	115.4(5)	35.8	1101
				11/27/72	168.4	13.3						12/31/72	115.4(5)	35.8	
				12/26/72	167.9	13.8						1/31/73	115.4(5)	35.8	
				1/22/73	167.8	13.9						2/28/73	115.4(5)	35.8	
				2/26/73	163.9	17.8						3/31/73	115.4(5)	35.8	
				3/26/73	163.9	17.8						4/30/73	115.4(5)	35.8	
				4/23/73	161.9	19.8						5/31/73	115.4(5)	35.8	
				5/28/73	161.2	20.5						7/31/73	117.4(5)	33.8	
				6/25/73	165.3	16.4		025/12W-21G02 S 19			151.2	10/31/72	109.6(5)	41.6	1101
				7/23/73	164.6	17.1						12/31/72	114.6(5)	36.6	
				8/27/73	166.8	14.9						1/31/73	119.6(5)	31.6	
				9/24/73	165.6	16.1						2/28/73	120.6(5)	30.6	
025/12W-16F02 S 19			143.4	6/18/73	115.4	28.0	1733					3/31/73	117.6(5)	33.6	
				7/09/73	118.6	24.8						4/30/73	114.6(5)	36.6	
				8/20/73	122.1	21.3						5/31/73	117.6(5)	33.6	
				9/10/73	115.5	27.9						7/31/73	109.6(5)	41.6	
025/12W-16M01 S 19			159.5	10/31/72	119.0(5)	40.5	1101	025/12W-21G03 S 19			152.5	10/31/72	115.1(5)	37.4	1101
				12/31/72	121.0(5)	38.5						12/31/72	120.1(5)	32.4	
				2/28/73	114.0(5)	45.5						1/31/73	124.1(5)	28.4	
				4/30/73	114.0(5)	45.5						2/28/73	123.1(5)	29.4	
				8/31/73	114.0(5)	45.5						3/31/73	123.1(5)	29.4	
025/12W-16L01 S 19			151.0	10/31/72	140.2	10.8	1101					4/30/73	123.1(5)	29.4	
				12/31/72	130.2(5)	20.8						5/31/73	118.1(5)	34.4	
				2/28/73	125.2(5)	25.8						7/31/73	118.1(5)	34.4	
				4/30/73	124.2(5)	26.8		025/12W-21M01 S 19			160.0	10/25/72	121.4	38.6	1101
				6/30/73	125.2(5)	25.8						11/27/72	122.1	37.9	
				8/31/73	127.2(5)	23.8						1/03/73	122.1	37.9	
025/12W-16H01 S 19			141.0	10/25/72	126.1	14.9	1101					2/26/73	115.1	44.9	
				1/03/73	123.8	17.2						3/27/73	110.0	50.0	
				3/27/73	74.9(3)	66.1						4/23/73	106.6	53.4	
				4/23/73	115.5	25.5						5/29/73	105.9	54.1	
				5/29/73	115.4	25.6						6/26/73	105.9	54.1	
				6/26/73	117.4	23.6						7/23/73	104.9	55.1	
				7/23/73	116.4	24.6						8/27/73	104.8	55.2	
				8/27/73	116.6	24.4						9/24/73	109.4	50.6	
				9/24/73	118.1	22.9		025/12W-21J01 S 19			155.0	11/29/72	114.5(5)	40.5	1101
025/12W-16001 S 19			151.0	10/31/72	144.5	6.5	1101	025/12W-21K02 S 19			149.0	5/31/73	109.2(6)	39.8	1101
				12/31/72	134.5	16.5						6/28/73	109.2(6)	39.8	
				2/28/73	129.5	21.5						7/30/73	109.2(6)	39.8	
				4/30/73	124.5	26.5						8/30/73	109.2(6)	39.8	
				6/30/73	127.5	23.5						9/28/73	109.2(6)	39.8	
				8/31/73	128.5	22.5		025/12W-21N01 S 19			140.0	10/30/72	119.0	21.0	1101
025/12W-17C01 S 19			144.1	10/31/72	170.9	-26.8	1101					12/01/72	124.5	15.5	
				12/31/72	162.9	-18.8						4/30/73	113.0	27.0	
				2/28/73	161.9	-17.8						5/30/73	113.8	26.2	
				4/30/73	159.9	-15.8						6/29/73	114.0	26.0	
				6/30/73	163.9	-19.8						7/31/73	112.3	27.7	
				8/31/73	166.9	-22.8						8/31/73	112.3	27.7	
025/12W-17002 S 19			146.0	10/31/72	172.9	-26.9	1101					9/28/73	113.0	27.0	
				12/31/72	161.9	-15.9		025/12W-21N02 S 19			137.0	10/25/72	117.3	19.7	1101
				2/28/73	159.9	-13.9						11/27/72	118.4	18.6	
				4/30/73	162.9	-16.9						12/01/72	124.0	13.0	
				6/30/73	164.9	-18.9						1/24/73	117.6	19.4	
				8/31/73	167.9	-21.9						2/26/73	116.0	21.0	
025/12W-17M01 S 19			145.0	12/14/72	159.5	-14.5	1101					3/27/73	114.0	23.0	
				4/09/73	150.9	-5.9						4/23/73	111.8	25.2	
025/12W-19C01 S 19			147.5	12/14/72	192.0	-44.5	1101					5/29/73	110.5	26.5	
				5/10/73	197.8(4)	-50.3						6/26/73	110.5	26.5	
025/12W-19H01 S 19			147.8	12/14/72	86.3	61.5	1101					7/23/73	112.0	25.0	
				4/09/73	86.1	61.7						8/27/73	110.6	26.4	
025/12W-19M01 S 19			143.0	12/14/72	139.8	3.2	1101					9/24/73	110.5	26.5	
				5/10/73	140.7(2)	2.3		025/12W-21N03 S 19			139.0	10/30/72	139.5	-0.5	1101
025/12W-20E02 S			139.0	12/14/72	152.0	-13.0	1101					12/01/72	133.0	6.0	
				4/09/73	139.1(4)	-0.1						1/30/73	125.9	13.1	
025/12W-20K02 S 19			133.0	10/31/72	122.2(5)	10.8	1101					2/28/73	121.8	17.2	
				12/31/72	124.2(5)	8.8						3/30/73	119.3	19.7	
				1/31/73	124.2(5)	8.8						4/30/73	119.5	19.5	
				2/28/73	124.2(5)	8.8						5/30/73	123.5	15.5	
				3/31/73	124.2(5)	8.8						6/29/73	123.5	15.5	
				4/30/73	127.2(5)	5.8						7/31/73	127.5	11.5	
				5/31/73	127.2(5)	5.8						8/31/73	127.5	11.5	
				7/31/73	127.2(5)	5.8						9/28/73	129.5	9.5	
025/12W-20K03 S			133.0	12/14/72	144.0	-11.0	1101	025/12W-22D02 S 19			152.5	12/26/72	40.3	112.2	1101
				4/09/73	133.0	0.0						1/23/73	39.7	112.8	
025/12W-20M03 S 19			139.0	12/14/72	157.1(4)	-18.1	1101					3/27/73	35.7	116.8	
												4/24/73	37.8	114.7	
												6/26/73	35.6	116.9	

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
								U-05 U-05.A U-05.A5							
025/12W-22G01 S 19 (CONTINUED)			174.9	11/27/72 12/26/72 1/24/73 2/26/73 3/27/73 4/23/73 7/24/73 8/27/73 9/24/73	123.2 122.0 112.2 104.2 98.3 97.3 96.9 101.7 94.1	51.7 52.9 62.7 70.7 76.6 77.6 78.0 73.2 80.8	1101	025/12W-24K01 S 19 (CONTINUED)			164.0	2/26/73 3/27/73 4/23/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	57.4 48.5 52.4 50.6 48.5 47.0 46.0 42.0	106.6 115.5 111.6 113.4 115.5 117.0 118.0 122.0	1101
025/12W-22J01 S 19			175.0	4/11/73	92.2	82.8	1101	025/12W-24M0R S 19			159.2	1/24/73 2/01/73 3/01/73 4/05/73 5/03/73 6/07/73 7/05/73 8/02/73 9/04/73	71.2 70.5 61.3 56.1 57.3 55.1 53.7 52.8 52.1	88.0 88.7 97.9 103.1 101.9 104.1 105.5 106.4 107.1	1101
025/12W-23A01 S 19			163.8	10/25/72 11/27/72 12/26/72	90.6 87.4 75.6	73.2 76.4 88.2	1101	025/12W-24P0R S 19			159.7	10/24/72 11/27/72 12/26/72 1/22/73 2/26/73 3/27/73 4/23/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	74.2 72.3 66.0 60.8 54.1 48.1 49.2 48.5 47.5 44.1 43.7 44.1	85.5 87.4 93.7 98.9 105.4 111.6 110.5 111.2 112.2 115.4 116.0 115.6	1101
025/12W-23R04 S 19			164.0	10/20/72 11/20/72 12/15/72 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	99.1(5) 96.1(5) 90.1(5) 74.1(5) 69.1(5) 66.1(5) 67.1(5) 66.1(5) 66.1(5) 66.1(5) 71.1(5)	64.9 67.9 73.9 89.9 94.9 94.9 97.9 96.9 97.9 97.9 92.9	1101	025/12W-25A01 S 19			155.4	10/24/72 11/27/72 12/26/72 1/22/73 2/26/73 3/27/73 4/23/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	66.4 64.1 57.6 55.0 50.1 45.8 45.5 48.9 42.0 41.6 39.2 39.8	89.0 91.3 97.8 100.4 105.3 109.6 109.4 106.5 113.4 113.8 116.2 115.6	1101
025/12W-23P0R S 19			161.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	99.0(5) 94.0(5) 88.0(5) 81.0(5) 74.0(5) 68.0(5) 68.0(5) 68.0(5) 68.0(5) 68.0(5) 68.0(5) 71.0(5)	62.0 67.0 73.0 80.0 87.0 93.0 93.0 93.0 93.0 93.0 93.0 90.0	1101	025/12W-25F10 S 19			154.0	2/12/73	78.0(5)	78.0	1101
025/12W-23F03 S 19			158.0	2/26/73 3/27/73 4/24/73 5/29/73 6/26/73 7/24/73 8/28/73	51.0 45.6 55.7 51.4 46.1 46.2 46.9	107.0 112.4 102.3 106.6 111.9 111.8 111.1	1101	025/12W-25G01 S 19			155.0	10/20/72 11/20/72 12/26/72 1/22/73 2/26/73 3/27/73 4/23/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	67.0(5) 65.0(5) 60.0(5) 57.0(5) 50.0(5) 57.4 56.9 55.7 53.5 52.1 51.2	88.0 90.0 95.0 98.0 105.0 103.0 111.0 108.0 111.0 115.0 100.9 101.8	1101
025/12W-23K01 S 19			161.0	1/03/73 2/26/73 3/27/73 4/23/73 5/29/73 6/27/73 7/23/73 8/27/73 9/24/73	86.0 62.5 57.6 59.0 60.7 57.0 69.7 72.9 75.7	75.0 98.5 103.4 102.0 100.3 104.0 91.3 88.1 85.3	1101	025/12W-25F10 S 19			154.0	2/12/73	78.0(5)	78.0	1101
025/12W-23M03 S 19			142.0	12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73 7/24/73 8/28/73 9/25/73	51.2 42.2 35.9 28.8 46.0 38.0 28.3 31.0 33.5 48.0	90.8 99.8 106.1 113.2 96.0 104.0 113.7 111.0 108.5 94.0	1101	025/12W-25G02 S 19			155.0	10/20/72 11/20/72 12/26/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	75.0(5) 73.0(5) 67.0(5) 65.0(5) 60.0(5) 60.0(5) 52.0(5) 44.0(5) 47.0(5) 44.0(5) 40.0(5) 39.0(5) 39.0(5)	80.0 82.0 88.0 90.0 97.0 95.0 103.0 111.0 108.0 111.0 116.0 116.0	1101
025/12W-23M04 S 19			138.4	10/24/72 11/28/72 12/26/72 1/23/73 6/26/73 7/24/73	28.1 27.2 0.3 -0.2 9.7 11.2	110.3 111.2 138.1 138.6 128.7 127.2	1101	025/12W-25M01 S 19			152.0	10/02/72 11/29/72 3/29/73 4/30/73 5/30/73 6/28/73 7/30/73 8/30/73 9/28/73	83.5(5) 85.5(5) 63.5(6) 64.5(6) 65.5(6) 65.5(6) 61.5(5) 61.5(5) 61.5(6)	68.5 66.5 88.5 87.5 86.5 86.5 86.5 90.5 90.5	110
025/12W-23N02 S 19			146.7	10/24/72 11/28/72 12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73 7/24/73 8/28/73 9/25/73	93.7 92.4 82.4 76.5 68.5 61.7 68.0 65.7 62.5 62.2 62.1 67.5	53.0 54.3 64.3 70.2 78.2 85.0 78.7 81.0 84.2 84.5 84.6 79.2	1101	025/12W-25M09 S 19			151.0	10/23/72 11/27/72 12/26/72 1/22/73 2/26/73 3/26/73	88.6 86.8 81.9 78.6 74.1 70.6	62.4 64.2 69.1 72.4 76.9 80.4	173
025/12W-24A05 S 19			168.8	2/26/73 3/27/73 4/23/73 5/29/73 6/25/73 7/23/73 9/24/73	52.9 46.9 47.0 44.2 43.5 41.5 39.8	115.9 121.9 121.8 124.6 125.3 127.3 129.0	1101	025/12W-24K01 S 19			164.0	10/24/72 11/27/72 12/26/72 1/22/73 2/26/73 1/22/73	82.0 80.4 72.5 66.5	82.0 83.6 91.5 97.5	1101

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA4								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA4							
								U-05 U-05.A U-05.A5							
025/12W-25H09 S 19 (CONTINUED)			151.0	4/23/73	74.5(1)	76.5	1733	025/12W-27H01 S 19 (CONTINUED)			146.0	5/01/77	96.0(5)	50.0	1101
				5/28/73	73.0	78.0						6/01/77	98.0(5)	48.0	
				6/25/73	69.8	81.2						7/01/77	96.5	49.5	
				7/23/73	71.4	79.6						8/01/77	97.5	48.5	
				8/27/73	70.2	80.8						9/01/77	98.5	47.5	
				9/24/73	69.2	81.8									
025/12W-25P07 S 19			146.0	10/24/72	82.3	63.7	1101	025/12W-27001 S 19			137.0	11/15/77	96.4	40.6	1101
				11/27/72	76.4	69.6						12/20/72	99.2	37.8	
				12/26/72	70.0(3)	76.0						1/24/73	90.4(8)	46.6	
				1/22/73	69.0	77.0						2/26/73	87.4(8)	49.6	
				2/26/73	60.0(3)	86.0						3/27/73	83.6	53.4	
				3/27/73	47.0(3)	99.0						4/23/73	85.7	51.3	
				4/23/73	53.0(4)	93.0						5/29/73	86.0	51.0	
				5/29/73	61.4(4)	84.6						6/27/73	86.4	50.6	
				6/25/73	62.2(4)	83.8						7/23/73	86.2	50.8	
				7/23/73	59.0(4)	87.0						8/27/73	86.6	50.4	
				8/27/73	56.0	90.0						9/24/73	85.8	51.2	
				9/24/73	39.5	106.5									
025/12W-26F03 S 19			145.0	10/02/72	100.0(6)	45.0	1101	025/12W-27003 S 19			136.6	10/25/77	79.4	57.2	1101
				11/29/72	101.0(6)	44.0						11/27/77	81.6	55.0	
				3/29/73	83.0(6)	62.0						12/26/77	82.7	53.9	
				4/30/73	83.0(6)	62.0						1/24/73	83.4	53.2	
				5/30/73	76.0(6)	69.0						2/26/73	83.4	53.2	
				6/28/73	76.0(6)	69.0						3/27/73	81.5	55.1	
				7/31/73	72.0(5)	73.0						4/23/73	79.5	57.1	
				8/30/73	70.0(5)	75.0						6/27/73	77.3	59.3	
				9/28/73	70.0(6)	75.0						7/23/73	89.2	47.4	
												8/27/73	75.8	60.8	
												9/24/73	83.1	53.5	
025/12W-26F01 S 19			148.0	10/25/72	94.1	53.9	1101	025/12W-28A04 S 19			142.0	10/02/72	139.0(6)	3.0	1101
				11/27/72	92.5	55.5						11/29/72	140.0(6)	2.0	
				12/26/72	87.0	61.0						3/29/73	118.0(5)	24.0	
				1/24/73	81.8	66.2						4/30/73	122.0(5)	20.0	
				2/26/73	75.8	72.2						5/21/73	121.0(5)	21.0	
				3/27/73	70.7	77.3						6/28/73	121.0(5)	21.0	
				4/23/73	73.5	74.5						7/31/73	119.0(5)	23.0	
				5/29/73	72.2	75.8						8/30/73	119.0(6)	23.0	
				6/27/73	71.0	77.0						9/28/73	119.0(6)	23.0	
				7/23/73	71.1	76.9									
				8/27/73	69.3	78.7									
				9/24/73	65.6	82.4									
025/12W-26L02 S 19			148.0	12/07/72	86.8	61.2	1101	025/12W-28G01 S 19			134.5	11/27/77	108.1	26.4	1101
				1/03/73	86.9	61.1						1/24/73	100.1	34.4	
				3/27/73	79.9	68.1						2/26/73	100.1	34.4	
				4/23/73	76.6	71.4						3/27/73	97.3	37.2	
				5/29/73	73.3	74.7						4/23/73	96.3	38.2	
				6/27/73	71.6	76.4						5/29/73	96.6	37.9	
				7/23/73	70.7	77.3						6/26/73	97.3	37.2	
				8/27/73	75.8	72.2						7/23/73	96.9	37.6	
				9/24/73	72.9	75.1						8/27/73	97.9	36.6	
												9/24/73	96.7	37.6	
025/12W-26P06 S 19			142.0	10/14/72	97.0(5)	45.0	1101	025/12W-28J06 S 19			135.0	10/01/77	113.0(5)	22.0	1101
				11/14/72	97.0(5)	45.0						11/01/77	110.0(5)	25.0	
				12/14/72	95.0(5)	47.0						12/01/77	110.0(5)	25.0	
				1/14/73	95.0(5)	47.0						1/01/77	104.0(5)	31.0	
				2/14/73	93.0(5)	49.0						2/01/73	102.0(5)	33.0	
				3/28/73	81.0(5)	61.0						3/01/73	106.0(5)	29.0	
				4/14/73	81.0(5)	61.0						4/01/73	98.0(5)	37.0	
				5/14/73	82.0(5)	60.0						5/01/73	98.0(5)	37.0	
				6/14/73	83.0(5)	59.0						6/01/73	98.0(5)	37.0	
				7/14/73	83.0(5)	59.0						7/01/73	110.0(5)	25.0	
				8/14/73	84.0(5)	58.0						8/01/73	100.0(5)	35.0	
				9/21/73	84.0(5)	58.0						9/01/73	101.0(5)	34.0	
025/12W-26001 S 19			141.0	10/02/72	103.0(6)	38.0	1101	025/12W-28J07 S 19			135.0	10/25/77	105.2	29.8	1101
				11/29/72	105.0(6)	36.0						11/27/77	103.9	31.1	
				3/29/73	90.0(6)	51.0						12/26/77	102.9	32.1	
				4/30/73	90.0(6)	51.0						1/24/73	100.5	34.5	
				5/30/73	90.0(6)	51.0						2/26/73	97.9	37.1	
				6/28/73	90.0(6)	51.0						3/27/73	94.1	40.4	
				8/30/73	88.0(5)	53.0						4/23/73	94.0	41.0	
				9/28/73	88.0(6)	53.0						5/29/73	94.7	40.3	
												6/26/73	95.8	39.2	
												7/23/73	95.4	39.6	
												8/27/73	95.6	39.4	
												9/24/73	96.8	38.2	
025/12W-27R02 S 19			149.0	10/25/72	103.7	45.3	1101	025/12W-28K01 S 19			127.5	10/14/72	104.8(5)	22.7	1101
				11/27/72	102.3	46.7						11/14/72	105.3(5)	22.2	
				12/26/72	97.0	52.0						12/14/72	105.3(5)	22.2	
				1/24/73	91.7	56.8						1/14/73	105.3(5)	22.2	
			148.5	2/26/73	85.2	63.3						2/14/73	98.3(5)	29.2	
				3/27/73	79.8	68.7						3/14/73	96.3(5)	31.2	
												4/14/73	92.3(5)	35.2	
025/12W-27R03 S 19			149.0	12/07/72	99.4	49.6	1101					5/14/73	92.3(5)	35.2	
				4/05/73	79.6	69.4						6/14/73	95.3(5)	32.2	
												7/14/73	96.3(5)	31.2	
												8/14/73	96.3(5)	31.2	
												9/14/73	96.3(5)	31.2	
025/12W-27F01 S			141.4	10/24/72	ORV		1101	025/12W-28001 S 19			129.0	10/01/72	104.0	25.0	1101
				11/28/72	ORV							11/01/72	103.0	26.0	
				12/26/72	ORV							12/01/72	101.0(5)	28.0	
				1/23/73	ORV							1/01/73	98.0(5)	31.0	
				2/26/73	ORV							2/01/73	97.0(5)	32.0	
				3/27/73	ORV							3/01/73	94.0(5)	35.0	



TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
025/12W-29A02	5	19	128.3	12/15/72 5/10/73	127.0 118.8(2)	1.3 9.5	1101	025/12W-33P02	5	19	114.0	6/26/73 7/23/73 8/27/73 9/24/73	73.6 73.8 74.0 73.8	40.4 40.2 40.0 40.2	1101
025/12W-29D01	5	19	126.5	12/14/72 4/11/73	113.9 113.5	12.6 13.0	1101	025/12W-34P01	5	19	129.4	10/02/72 11/29/72 3/29/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	119.4(6) 119.4(6) 89.4(6) 90.4(6) 90.4(6) 90.4(6) 90.4(6) 90.4(6) 90.4(6)	10.0 10.0 40.0 39.0 39.0 39.0 39.0 39.0 39.0	1101
025/12W-29M05	5	19	118.0	10/14/72 11/14/72 12/14/72 1/14/73 2/21/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	117.0(5) 117.0(5) 116.0(5) 116.0(5) 115.0(5) 110.0(5) 110.0(5) 110.0(5) 162.0(1) 111.0(5) 111.0(5) 113.0(5)	1.0 1.0 2.0 2.0 3.0 8.0 8.0 8.0 -44.0 7.0 7.0 5.0	1101	025/12W-35C01	5	19	145.0	11/27/72 12/26/72 1/24/73 2/27/73 3/27/73 4/23/73 5/29/73 6/27/73 7/24/73 8/27/73 9/24/73	93.0 90.7 87.0 84.3 83.6 86.0(2) 83.1 83.0 87.8 88.6 88.2	52.0 54.3 58.0 60.7 61.4 59.0 61.9 62.0 57.2 56.4 56.8	1101
025/12W-31O01	5		122.0	1/09/73	NM-0		1101	025/12W-35D02	5	19	142.5	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/28/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/21/73	105.6(5) 104.6(5) 104.6(5) 104.6(5) 101.6(5) 89.6(5) 90.6(5) 94.6(1) 90.6(5) 90.6(5) 90.6(5) 90.6(5)	36.9 37.9 37.9 37.9 40.9 52.9 51.9 47.9 51.9 51.9 51.9 51.9	1101
025/12W-31H01	5	19	107.7	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	117.0 117.0 113.0 105.0 105.0 105.0 105.0 99.0 118.0	-9.3 -9.3 -5.3 2.7 2.7 2.7 2.7 8.7 -10.3	5061	025/12W-35F01	5	19	136.5	10/30/72 11/27/72 12/26/72 1/24/73 2/26/73 3/27/73 4/23/73 5/29/73 6/27/73 7/23/73 8/27/73 9/24/73	79.3 80.5 81.5 82.1 81.7 81.0 79.9 81.3 77.3 80.1 75.6 84.2	57.2 56.0 55.0 54.4 54.8 55.5 56.6 55.2 59.2 56.4 60.9 52.3	1101
025/12W-31H02	5	19	107.6	12/13/72 4/11/73	78.7 79.2	28.9 28.4	1101	025/12W-35H12	5	19	142.5	10/24/72 11/27/72 12/26/72 1/22/73 2/26/73 3/27/73 4/23/73 5/29/73 6/27/73 7/23/73 8/27/73 9/24/73	85.5 83.6 83.4 76.9 77.0 76.8 76.0 78.4 75.6 75.0 73.0 70.5	57.0 58.9 59.1 65.6 65.5 65.7 66.5 64.1 66.0 67.5 69.5 72.0	1101
025/12W-31N01	5	19	106.2	12/14/72 4/11/73	105.7 103.7	0.5 2.5	1101	025/12W-35K01	5	19	138.0	10/02/72 11/29/72 11/27/72 12/26/72 1/22/73 2/26/73 3/27/73 4/23/73 5/29/73 6/27/73 7/23/73 8/27/73 9/24/73	118.5(6) 115.5(6) 92.5(6) 95.5(6) 99.5(6) 99.5(6) 99.5(6) 99.5(6) 99.5(6) 99.5(6) 96.5(5) 96.5(6)	19.5 22.5 45.5 42.5 38.5 38.5 38.5 38.5 41.5 41.5	1101
025/12W-33R01	5	19	123.0	10/31/72 11/29/72 3/29/73 4/20/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	118.0(6) 118.0(6) 107.0(6) 110.0(6) 99.0(6) 99.0(6) 99.0(6) 99.0(6) 99.0(6)	5.0 5.0 16.0 13.0 24.0 24.0 24.0 24.0 24.0	1101	025/12W-35P01	5	19	129.0	10/02/72 11/30/72 12/12/72 3/29/73 4/11/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	99.0(5) 96.0(5) 92.0(8) 81.0(5) 86.2(4) 87.0(5) 87.0(5) 87.0(6) 87.0(6) 87.0(6)	30.0 33.0 37.0 48.0 42.8 42.0 42.0 42.0 42.0 42.0	1101
025/12W-33R04	5	19	126.2	5/28/73 6/18/73 7/09/73 8/20/73 9/10/73	89.3 89.5 90.4 90.9 89.9	36.9 36.7 35.8 35.3 36.3	1733	025/12W-36R01	5	19	139.0	11/15/72 12/26/72 1/22/73 2/26/73 3/28/73 4/23/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	59.9 54.7 58.5 53.0 55.5 50.6 50.7 47.5 40.5 44.7 44.6	79.1 84.3 80.5 86.0 83.5 88.4 88.3 91.5 98.5 94.3 94.4	1101
025/12W-33O02	5	19	118.8	10/30/72 11/27/72 12/26/72 1/24/73 2/26/73 3/27/73 4/23/73 5/29/73 6/26/73 7/23/73 8/27/73 9/24/73	84.2 83.9 84.5 84.6 84.6 84.5 85.1 85.7 86.5 86.5 86.9 87.0	34.6 34.9 34.3 34.2 34.2 34.3 33.7 33.1 32.3 32.3 31.9 31.8	1101	025/12W-36602	5	19	134.0	10/24/72 11/27/72 12/26/72	67.6 61.2 51.9	66.4 72.8 82.1	1101
025/12W-33L01	5	19	118.0	12/14/72	96.5	21.5	1101	025/12W-36602	5	19	134.0	10/24/72 11/27/72 12/26/72	67.6 61.2 51.9	66.4 72.8 82.1	1101
025/12W-33L03	5	19	115.6	12/14/72 4/11/73	72.1 72.0	43.5 43.6	1101	025/12W-36602	5	19	134.0	10/24/72 11/27/72 12/26/72	67.6 61.2 51.9	66.4 72.8 82.1	1101
025/12W-33M01	5	19	114.5	10/30/72 11/29/72 4/27/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	86.2(5) 86.2(5) 101.2(5) 102.2(5) 102.2(5) 102.2(5) 107.2(5) 107.2(6)	28.3 28.3 13.3 12.3 12.3 12.3 7.3 7.3	1101	025/12W-36602	5	19	134.0	10/24/72 11/27/72 12/26/72	67.6 61.2 51.9	66.4 72.8 82.1	1101
025/12W-33P02	5	19	114.0	10/30/72 11/27/72 12/26/72 1/24/73 2/26/73 3/27/73 4/23/73 5/29/73	70.2 71.2 71.3 71.9 72.4 72.9 73.1 73.4	43.8 42.8 42.7 42.1 41.6 41.1 40.9 40.6	1101	025/12W-36602	5	19	134.0	10/24/72 11/27/72 12/26/72	67.6 61.2 51.9	66.4 72.8 82.1	1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SURUNIT CENTRAL HYDRO SUBAREA							
								U-05 U-05.A U-05.A5							
025/12W-36602	5	19	134.0	1/22/73	53.6	80.4	1101	025/13W-10R06	5	19	199.7	4/03/73	279.5	-79.8	1101
(CONTINUED)				2/26/73	48.6	85.4						12/13/72	266.2	-57.5	1101
				3/27/73	43.4	90.6		025/13W-11E03	5	19	208.7	4/03/73	265.5	-56.8	
				4/23/73	43.6	90.4									
				5/29/73	50.5	83.5		025/13W-11E04	5		206.0	10/08/72	289.0(11)	-83.0	1101
				6/25/73	50.1	83.9						11/12/72	276.0(11)	-70.0	
				7/23/73	48.6	85.4						12/31/72	285.0(5)	-79.0	
				8/27/73	46.6	87.4						1/31/73	285.0(5)	-79.0	
				9/24/73	44.1	89.9						2/28/73	284.0(5)	-78.0	
025/12W-36L05	5	19	132.0	11/27/72	67.4	64.6	1101					3/31/73	283.0(5)	-77.0	
				12/26/72	54.4	77.6						4/30/73	282.0(5)	-76.0	
				1/22/73	57.4	74.6						5/31/73	285.0(5)	-79.0	
				2/26/73	57.4	74.6						6/30/73	287.0(5)	-81.0	
				3/27/73	61.9	70.1						7/31/73	285.0(5)	-79.0	
				4/23/73	62.4	69.6						8/31/73	289.0(5)	-83.0	
				5/29/73	64.5	67.5						9/30/73	282.0(5)	-76.0	
				6/25/73	66.4	65.6		025/13W-11P02	5		200.0	4/03/73	335.0(4)	-135.0	1101
				7/23/73	64.6	67.4									
				8/28/73	62.9	69.1		025/13W-11R03	5	19	188.7	10/16/72	259.3(5)	-70.6	1101
				9/24/73	56.1	75.9						11/19/72	256.3(5)	-67.6	
025/13W-01K01	5	19	197.5	12/14/72	218.4	-20.9	1101					12/31/72	260.3(5)	-71.6	
				4/03/73	223.9	-26.4						1/31/73	259.3(5)	-70.6	
025/13W-01N01	5	19	196.0	12/14/72	262.8	-66.8	1101					2/28/73	261.3(5)	-72.6	
025/13W-04D01	5		230.8	12/13/72	276.3	-45.5	1101					3/31/73	260.3(5)	-71.6	
				4/04/73	171.6	59.2						4/30/73	257.3(5)	-68.6	
025/13W-05#01	5	19	227.0	1/17/73	265.4	-38.4	1101					5/31/73	259.3(5)	-70.6	
				4/04/73	264.1	-37.1						6/30/73	259.3(5)	-70.6	
025/13W-05R01	5		224.0	4/04/73	360.0(2)	-136.0	1101	025/13W-11P04	5	19	187.8	10/09/72	271.3(5)	-83.5	1101
025/13W-05F01	5		219.0	12/13/72	268.0(4)	-49.0	1101					11/10/72	272.3(5)	-84.5	
025/13W-10A01	5		214.2	10/11/72	284.2	-70.0	1101					12/31/72	262.3(5)	-74.5	
				11/08/72	282.1	-67.9						1/31/73	262.3(5)	-74.5	
				12/13/72	282.7	-68.5						2/28/73	261.3(5)	-73.5	
				1/08/73	279.0	-64.8						3/31/73	261.3(5)	-73.5	
				2/15/73	282.2	-68.0						4/30/73	259.3(5)	-71.5	
				3/05/73	278.3	-64.1						5/31/73	257.3(5)	-69.5	
				4/03/73	280.0	-65.8						6/30/73	260.3(5)	-72.5	
				5/08/73	279.1	-64.9						7/31/73	256.3(5)	-68.5	
				6/01/73	280.2	-66.0						8/31/73	258.3(5)	-70.5	
				7/03/73	279.5	-65.3						9/30/73	257.3(5)	-69.5	
				8/10/73	282.2	-68.0		025/13W-12A01	5	19	185.2	10/31/72	250.0	-64.8	1101
				9/05/73	279.0	-64.8						12/31/72	237.0	-51.8	
025/13W-10A03	5	19	230.6	12/13/72	298.0	-67.4	1101					2/28/73	233.0	-47.8	
				4/03/73	297.5	-66.9						4/30/73	248.0	-62.0	
025/13W-10#04	5		226.0	12/13/72	NW-3		1101	025/13W-12C01	5	19	183.3	12/14/72	262.8(6)	-79.5	1101
				4/03/73	283.0	-57.0						4/03/73	207.4(8)	-24.1	
025/13W-10R01	5	19	224.5	12/13/72	293.7	-69.2	1101	025/13W-12K01	5	19	180.0	12/18/72	225.7	-45.7	1101
				4/04/73	293.0	-68.5						4/03/73	227.5	-42.5	
025/13W-10M01	5	19	206.0	1/21/73	283.7(5)	-77.7	1733	025/13W-13A01	5		168.5	4/03/73	205.5	-37.0	1101
				2/14/73	283.7(5)	-77.7									
				4/14/73	282.7(5)	-76.7		025/13W-13E01	5	19	181.4	12/15/72	262.5	-81.1	1101
				5/14/73	281.7(5)	-75.7						5/10/73	216.4(8)	-35.0	
025/13W-10P05	5	19	200.6	10/09/72	275.2(5)	-74.6	1101	025/13W-13F06	5	19	181.3	12/15/72	278.6	-97.3	1101
				11/10/72	272.2(5)	-71.6						5/10/73	240.0(4)	-58.7	
				12/31/72	275.2(5)	-74.6									
				1/31/73	277.2(5)	-76.6		025/13W-13F01	5	19	167.7	10/31/72	250.0(5)	-82.3	1101
				2/28/73	275.2(5)	-74.6						12/31/72	265.0(5)	-97.3	
				3/31/73	274.2(5)	-73.6						1/31/73	285.0(5)	-117.3	
				4/30/73	271.2(5)	-70.6						2/28/73	285.0(5)	-117.3	
				5/31/73	272.2(5)	-71.6						3/31/73	285.0(5)	-117.3	
				6/30/73	270.2(5)	-69.6						4/30/73	285.0(5)	-117.3	
				7/31/73	276.2(5)	-75.6						5/31/73	285.0(5)	-117.3	
				8/31/73	273.2(5)	-72.6						7/31/73	285.0(5)	-117.3	
				9/30/73	274.2(5)	-73.6		025/13W-13H01	5	19	162.2	10/31/72	199.0(5)	-36.8	1101
025/13W-10P06	5	19	200.9	10/09/72	281.2(5)	-80.3	1101					12/31/72	189.0(5)	-26.8	
				11/10/72	280.2(5)	-79.3						1/31/73	187.0(5)	-24.8	
				1/31/73	280.2(5)	-79.3						2/28/73	187.0(5)	-24.8	
				2/28/73	278.2(5)	-77.3						3/31/73	184.0(5)	-21.8	
				3/31/73	277.2(5)	-76.3						4/30/73	184.0(5)	-21.8	
				4/30/73	274.2(5)	-73.3						5/31/73	184.0(5)	-21.8	
				5/31/73	275.2(5)	-74.3						7/31/73	184.0(5)	-21.8	
				6/30/73	275.2(5)	-74.3		025/13W-13P01	5	19	156.5	12/14/72	199.1	-42.6	1101
				7/31/73	281.2(5)	-80.3						5/10/73	233.8(8)	-77.3	
				8/31/73	276.2(5)	-75.3									
				9/30/73	277.2(5)	-76.3		025/13W-14A01	5	19	187.0	10/09/72	254.4(5)	-67.4	1101
025/13W-10P05	5	19	199.7	10/11/72	208.4	-8.7	1101					11/10/72	261.4(5)	-74.4	
				11/08/72	210.0	-10.3						12/31/72	251.4(5)	-64.4	
				12/13/72	207.0	-7.3						1/31/73	249.4(5)	-62.4	
				1/08/73	207.3	-7.6						2/28/73	249.4(5)	-62.4	
				2/15/73	204.0	-4.3						3/31/73	249.4(5)	-62.4	
				3/05/73	201.5	-1.8						4/30/73	248.4(5)	-61.4	
				4/03/73	203.0	-3.3						5/31/73	249.4(5)	-62.4	
				5/08/73	206.9	-7.2						6/30/73	249.4(5)	-62.4	
				6/01/73	207.0	-7.3						7/31/73	248.4(5)	-61.4	
				7/03/73	207.2	-7.5						8/31/73	252.4(5)	-65.4	
				9/05/73	207.5	-7.8						9/30/73	250.4(5)	-63.4	
025/13W-10R06	5	19	199.7	12/13/72	283.5	-83.8	1101	025/13W-14H01	5	19	180.8	10/09/72	238.3(5)	-57.5	1101

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
025/13W-14H01 S 19 (CONTINUED)			180.8	11/10/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	244.3(5) 233.3(5) 230.3(5) 230.3(5) 228.3(5) 226.3(5) 227.3(5) 229.3(5) 230.3(5) 230.3(5) 229.3(5)	-63.5 -52.5 -49.5 -49.5 -47.5 -45.5 -46.5 -48.5 -49.5 -49.5 -48.5	1101	025/13W-20R03 S 19 (CONTINUED)			152.0	7/01/73 8/01/73 9/01/73	201.5(1) 196.5(5) 198.5(5)	-49.5 -44.5 -46.5	1101
025/13W-14H02 S 19			185.0	10/15/72 11/10/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	239.8(5) 238.8(5) 238.8(5) 239.8(5) 238.8(5) 237.8(5) 234.8(5) 233.8(5) 233.8(5) 235.8(5) 238.8(5) 238.8(5)	-54.8 -53.8 -53.8 -54.8 -53.8 -52.8 -49.8 -48.8 -48.8 -50.8 -53.8 -53.8	1101	025/13W-20R04 S			152.0 156.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	183.0(1) 184.0(1) 188.0(1) 188.0(1) 194.0(1) 185.0(1) 190.0(1) 184.0(1) 187.0(1) 188.0(1) 193.0(5) 188.0(5)	-31.0 -32.0 -32.0 -32.0 -38.0 -29.0 -34.0 -28.0 -31.0 -32.0 -37.0 -32.0	1101
025/13W-14H03 S 19			187.0	10/09/72 11/10/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	257.9(5) 258.9(5) 251.9(5) 250.9(5) 250.9(5) 249.9(5) 248.9(5) 250.9(5) 249.9(5) 249.9(5) 251.9(5) 251.9(5)	-70.9 -71.9 -64.9 -63.9 -63.9 -62.9 -61.9 -63.9 -62.9 -62.9 -64.9 -64.9	1101	025/13W-21F01 S 19			166.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/21/73 8/14/73 9/14/73	282.4(1) 283.9(1) 284.4(1) 282.9(1) 281.9(1) 294.9(1) 218.9(5) 218.9(5) 295.9(1) 218.9(5) 218.9(5) 218.9(5)	-116.4 -117.9 -118.4 -116.9 -115.9 -128.9 -52.9 -52.9 -129.9 -52.9 -52.9 -52.9	1101
025/13W-14H04 S 19			182.0	10/15/72 11/12/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	249.1(5) 249.1(5) 249.1(5) 247.1(5) 245.1(5) 244.1(5) 242.1(5) 244.1(5) 246.1(5) 247.1(5) 248.1(5) 248.1(5)	-67.1 -67.1 -67.1 -65.1 -63.1 -62.1 -60.1 -62.1 -64.1 -65.1 -66.1 -66.1	1101	025/13W-21K04 S 19			164.7	12/13/72 4/17/73	203.0(2) 197.8	-38.3 -33.1	1101
025/13W-15C01 S 19			195.0	12/14/72 4/03/73	186.0 185.1	9.0 9.9	1101	025/13W-21K07 S 19			165.0	12/13/72 4/17/73	223.4(2) 226.1	-58.4 -61.1	1101
025/13W-15L01 S 19			190.0	12/13/72 4/09/73	102.3 86.8	87.7 103.2	1101	025/13W-2100A S 19			178.8	12/13/72 4/17/73	212.5 212.2	-33.7 -33.4	1101
025/13W-16006 S 19			175.0	10/02/72 11/03/72 12/05/72 1/30/73 3/23/73 4/25/73 5/25/73 6/27/73 7/23/73 8/31/73 9/26/73	174.7 174.7 174.4 174.2 173.3 174.1 174.2 175.8 174.3 174.6 174.5	0.3 0.3 0.6 0.8 1.7 0.9 0.8 -0.8 0.7 0.4 0.5	1200	025/13W-22P02 S			162.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	238.0(5) 235.0(5) 234.0(5) 237.0(5) 237.0(5) 233.0(5) 235.0(5) 230.0(5) 237.0(5) 234.0(5) 234.0(5) 235.0(5)	-76.0 -73.0 -72.0 -75.0 -75.0 -71.0 -73.0 -68.0 -75.0 -72.0 -72.0 -73.0	1101
025/13W-16007 S 19			176.0	10/02/72 11/03/72 12/05/72 1/30/73 2/22/73 3/23/73 4/25/73 5/25/73 6/27/73 7/23/73 8/31/73 9/26/73	214.3 214.1 211.0 210.8 211.6 210.4 211.3 212.0 215.6 212.3 212.7 213.1	-38.3 -38.1 -35.0 -34.8 -35.6 -34.4 -35.3 -36.0 -39.6 -36.3 -36.7 -37.1	1200	025/13W-23005 S 19			178.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	248.3(5) 242.3(5) 233.3(5) 242.3(5) 235.3(5) 243.3(5) 231.3(5) 236.3(5) 238.3(5) 235.3(5) 233.3(5)	-70.3 -64.3 -55.3 -64.3 -57.3 -53.3 -58.3 -60.3 -57.3 -60.3 -55.3	1101
025/13W-20R02 S 19			153.0	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73	124.9(5) 124.9(5) 124.9(5) 124.9(5) 124.9(5) 124.9(5) 124.9(5) 124.9(5) 123.9(5) 124.9(5)	28.1 28.1 28.1 28.1 28.1 28.1 28.1 28.1 29.1 28.1	1101	025/13W-23H01 S 19			154.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	214.1(5) 209.1(5) 207.1(5) 204.1(5) 204.1(5) 204.1(5) 199.1(5) 203.1(5) 211.1(5) 209.1(5) 207.1(5) 208.1(5)	-60.1 -55.1 -53.1 -50.1 -50.1 -45.1 -49.1 -57.1 -55.1 -53.1 -53.1 -54.1	1101
025/13W-20R03 S 19			152.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73	200.5(1) 198.5(1) 198.5(1) 195.5(1) 197.5(1) 198.5(1) 198.5(1) 195.5(1) 198.5(1) 195.5(1) 200.5(1)	-48.5 -46.5 -46.5 -43.5 -45.5 -46.5 -46.5 -46.5 -46.5 -43.5 -48.5	1101	025/13W-23J02 S 19			145.7	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	215.1(5) 206.1(5) 195.1(5) 196.1(5) 195.1(5) 195.1(5) 194.1(5) 193.1(5) 200.1(5) 193.1(5) 196.1(5) 194.1(5)	-69.4 -60.4 -49.4 -50.4 -49.4 -49.4 -48.4 -47.4 -54.4 -47.4 -50.4 -48.4	1101
025/13W-24002 S			146.0	10/14/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73	195.0(5) 194.0(5) 187.0(5) 187.0(5) 186.0(5) 178.0(5) 181.0(5) 184.0(5) 185.0(5) 196.0(5) 199.0(5)	-49.0 -48.0 -41.0 -41.0 -40.0 -32.0 -35.0 -38.0 -39.0 -50.0 -53.0	1101								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
L4-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
025/13W-24002 5			146.0	9/14/73	192.0(5)	-46.0	1101	025/13W-28603 5 19			142.0	1/14/73	184.4(5)	-42.4	1101
025/13W-25003 5 19			140.0	10/01/72	198.6(5)	-58.6	1101	(CONTINUED)				2/14/73	183.4(5)	-41.4	
				11/01/72	233.6(5)	-93.6						3/14/73	174.4(5)	-32.4	
				12/01/72	183.6(5)	-43.6						4/14/73	179.4(5)	-37.4	
				1/01/73	178.6(5)	-38.6						5/14/73	179.4(5)	-37.4	
				2/01/73	180.6(5)	-40.6						6/14/73	188.9(1)	-46.9	
				3/01/73	180.6(5)	-40.6						7/14/73	187.4(5)	-45.4	
				4/01/73	170.6(5)	-30.6						8/14/73	190.4(5)	-48.4	
				5/01/73	179.6(5)	-39.6						9/21/73	191.4(5)	-49.4	
				6/01/73	182.6(5)	-42.6		025/13W-28H01 5 19				10/14/72	109.0(5)	33.0	1101
				7/01/73	182.6(5)	-42.6						11/14/72	109.0(5)	33.0	
				8/01/73	184.6(5)	-44.6						12/14/72	108.0(5)	34.0	
				9/01/73	186.6(5)	-46.6						1/14/73	107.0(5)	35.0	
025/13W-25004 5 19			142.7	10/01/72	228.0(5)	-85.3	1101					2/14/73	105.0(5)	37.0	
				11/01/72	213.0(5)	-70.3						3/28/73	109.0(5)	33.0	
				12/01/72	218.0(5)	-75.3						4/14/73	109.0(5)	33.0	
				1/01/73	208.0(5)	-65.3						5/14/73	109.0(5)	33.0	
				2/01/73	208.0(5)	-65.3						6/14/73	109.0(5)	33.0	
				3/01/73	18.8(5)	123.9						7/14/73	108.0(5)	34.0	
				7/01/73	213.0(5)	-70.3						8/14/73	108.0(5)	34.0	
				8/01/73	213.0(5)	-70.3						9/07/73	108.0(5)	34.0	
				9/01/73	213.0(5)	-70.3		025/13W-31C02 5				12/13/72	190.5	-57.7	1101
025/13W-25M01 5 19			137.0	10/02/72	163.7	-26.7	1101					4/17/73	186.7	-53.4	
				11/06/72	166.7	-29.7									
				12/04/72	168.7	-31.7		025/13W-32C04 5 19				10/02/72	197.1	-67.1	1200
				1/02/73	169.7	-32.7						11/03/72	196.2	-66.2	
				7/18/73	127.7(5)	9.3						12/05/72	193.6	-63.6	
025/13W-25H03 5 19			136.0	10/02/72	162.5	-26.5	1101					1/24/73	193.2	-63.2	
				11/06/72	165.5	-29.5						2/22/73	192.3	-62.3	
				12/04/72	167.5	-31.5						3/23/73	191.8	-61.8	
				1/02/73	168.5	-32.5						4/25/73	191.3	-61.3	
				3/01/73	153.5(5)	-17.5						5/25/73	192.1	-62.1	
025/13W-25001 5 19			125.0	10/01/72	160.7(5)	-35.7	1101					6/27/73	194.4	-64.4	
				11/01/72	156.7(5)	-31.7						7/23/73	194.7	-64.7	
				12/01/72	156.7(5)	-31.7						8/31/73	195.1	-65.1	
				1/01/73	158.7(5)	-33.7						9/26/73	194.6	-64.6	
				2/01/73	158.7(5)	-33.7		025/13W-32R06 5				10/15/72	NM-7		1200
				3/01/73	146.7(5)	-21.7						11/17/72	NM-7		
				4/01/73	162.7(5)	-37.7						12/17/72	NM-7		
				5/01/73	183.7(5)	-58.7						1/14/73	NM-7		
				6/01/73	153.7(5)	-28.7						2/18/73	NM-7		
				7/01/73	158.7(5)	-33.7						3/16/73	NM-7		
				8/01/73	161.7(5)	-36.7						4/15/73	NM-7		
				9/01/73	163.7(5)	-38.7						5/11/73	NM-7		
025/13W-27807 5 19			157.0	10/31/72	218.5(5)	-61.5	1101					6/17/73	NM-7		
				11/30/72	213.5(5)	-56.5						7/15/73	NM-7		
				12/31/72	212.5(5)	-55.5						8/17/73	NM-7		
				1/31/73	211.5(5)	-54.5						9/15/73	NM-7		
				2/28/73	209.5(5)	-52.5		025/13W-32P07 5 19				10/15/72	188.8(5)	-71.8	1200
				3/31/73	211.5(5)	-54.5						11/10/72	188.8(5)	-71.8	
				4/30/73	209.5(5)	-52.5						12/17/72	186.8(5)	-69.8	
				5/31/73	207.5(5)	-50.5						1/14/73	187.8(5)	-70.8	
				7/03/73	219.5(5)	-62.5						2/18/73	186.8(5)	-69.8	
				8/08/73	213.5(5)	-56.5									
				9/30/73	212.5(5)	-55.5		025/13W-32P09 5 19				10/02/72	183.1	-66.1	1200
025/13W-27819 5 19			157.0	10/31/72	210.5	-53.5	1101					11/03/72	181.7	-64.7	
				11/30/72	208.5(5)	-51.5						12/05/72	179.3	-62.3	
				12/31/72	213.5(5)	-56.5						1/24/73	178.9	-61.9	
				1/31/73	212.5(5)	-55.5						2/22/73	178.2	-61.2	
				2/28/73	207.5(5)	-50.5						3/23/73	177.5	-60.5	
				3/31/73	213.5(5)	-56.5						4/25/73	177.1	-60.1	
				4/30/73	208.5(5)	-51.5						5/25/73	178.5	-61.5	
				5/31/73	206.5(5)	-49.5						6/27/73	181.7	-64.7	
				7/03/73	218.5(5)	-61.5						7/23/73	181.5	-64.5	
				8/08/73	215.5(5)	-58.5						8/31/73	182.5	-65.5	
				9/30/73	207.5(5)	-50.5						9/26/73	181.0	-64.0	
025/13W-27821 5 19			157.0	10/31/72	222.4	-65.4	1101	025/13W-32R12 5				12/17/72	333.0(1)	-215.0	1200
				11/30/72	221.4(5)	-64.4						1/14/73	199.0(5)	-81.0	
				12/31/72	222.4(5)	-65.4						2/18/73	197.0(5)	-79.0	
				1/31/73	221.9(5)	-64.9						3/16/73	197.0(5)	-79.0	
				2/28/73	222.9(5)	-65.9						4/12/73	197.0(5)	-79.0	
				3/31/73	221.9(5)	-64.9						5/13/73	197.0(5)	-79.0	
				4/30/73	222.4(5)	-65.4						6/17/73	195.0(5)	-77.0	
				5/31/73	217.4(5)	-60.4						7/15/73	199.0(5)	-81.0	
				7/03/73	222.4(5)	-65.4						8/12/73	219.0(5)	-101.0	
				8/08/73	222.4(5)	-65.4						9/15/73	221.0(5)	-103.0	
				9/30/73	221.4(5)	-64.4		025/13W-35A01 5 19				10/01/72	150.7(5)	-29.7	1101
025/13W-28602 5 19			142.0	10/14/72	180.3(5)	-38.3	1101					11/01/72	144.7(5)	-23.7	
				11/14/72	180.3(5)	-38.3						12/01/72	139.7(5)	-18.7	
				12/14/72	180.3(5)	-38.3						1/01/73	141.7(5)	-20.7	
				1/14/73	179.8(5)	-37.8						2/01/73	138.7(5)	-17.7	
				2/14/73	179.3(5)	-37.3						3/01/73	138.7(5)	-17.7	
				3/14/73	177.3(5)	-35.3						4/01/73	140.7(5)	-19.7	
				4/14/73	175.3(5)	-33.3						5/01/73	141.7(5)	-20.7	
				5/14/73	176.3(5)	-34.3						6/01/73	154.7(5)	-33.7	
				6/14/73	177.3(5)	-35.3						7/01/73	157.7(5)	-36.7	
				7/14/73	182.3(5)	-40.3						8/01/73	152.7(5)	-31.7	
				8/14/73	188.3(5)	-46.3						9/01/73	149.7(5)	-28.7	
				9/21/73	188.3(5)	-46.3		025/13W-36P01 5 19				10/01/72	142.3(5)	-19.9	1101
025/13W-28603 5 19			142.0	10/14/72	184.4(5)	-42.4	1101								

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
025/13W-36R01 S 19 (CONTINUED)			122.4	5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	115.3(5) 124.3(5) 122.3(5) 123.3(5) 128.3(5)	7.1 -1.9 0.1 -0.9 -5.9	1101	025/14W-23C07 S (CONTINUED)			159.0	7/24/73 8/28/73 9/25/73	DRY DRY DRY		1101
025/13W-36F02 S 19			122.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 7/01/73 8/01/73 9/01/73	141.5 145.5 136.5 130.5 130.5 137.5 128.5 137.5	-19.5 -23.5 -14.5 -8.5 -8.5 -15.5 -6.5 -15.5	1101	025/14W-23H02 S 19			136.7	10/13/72 11/10/72 12/15/72 1/07/73 2/18/73 3/18/73 4/15/73 5/13/73 6/17/73 7/15/73 8/13/73 9/16/73	238.5(1) 238.5(1) 238.5(1) 239.5(1) 239.5(1) 239.5(1) 241.5(1) 239.5(1) 239.5(1) 239.5(1) 241.5(1) 241.5(1) 241.5(1)	-101.8 -101.8 -101.8 -102.8 -102.8 -104.8 -102.8 -102.8 -104.8 -104.8	1200
025/14W-03K01 S 19			111.4	4/04/73 5/08/73 6/01/73 7/03/73 8/10/73 9/04/73	162.9 162.7 164.9 164.9 162.8 163.2	-51.5 -51.3 -53.5 -53.5 -51.4 -51.8	1101	025/14W-23H03 S			136.0	10/01/72 11/01/72 12/05/72 1/01/73 2/22/73 3/01/73 4/25/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1		1200
025/14W-04N01 S 19			105.0	4/09/73	178.6(4)	-73.6	1101	025/14W-23H12 S 19			135.7	10/22/72 11/10/72 12/09/72 1/14/73 2/18/73 3/18/73 4/13/73 5/13/73 6/16/73 7/15/73 8/19/73 9/16/73	243.5(1) 245.5(1) 243.5(1) 247.5(1) 247.5(1) 249.5(1) 249.5(1) 251.5(1) 245.5(1) 245.5(1) 245.5(1) 245.5(1)	-107.8 -109.8 -107.8 -106.8 -111.8 -113.8 -113.8 -115.8 -109.8 -109.8 -109.8 -113.8	1200
025/14W-05C04 S			85.0	11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	144.0(5) 144.0(5) 142.0(5) 139.0(5) 138.0(5) 140.0(5) 140.0(5) 141.0(5) 139.0(5) 137.0(5) 138.0(5)	-59.0 -59.0 -57.0 -54.0 -53.0 -55.0 -55.0 -56.0 -54.0 -52.0 -53.0	1101	025/14W-24G01 S			138.6	12/14/72 4/17/73	101.7 97.2	36.9 41.4	1101
025/14W-05D08 S			88.0	11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	144.0(5) 142.0(5) 140.0(5) 140.0(5) 140.0(5) 140.0(5) 140.0(5) 140.0(5) 140.0(5) 140.0(5) 140.0(5)	-56.0 -54.0 -52.0 -52.0 -52.0 -52.0 -52.0 -52.0 -51.0 -50.0 -49.0	1101	035/11W-01C01 S 19			284.0	12/07/72 4/06/73	50.7 50.3	233.3 233.7	1101
025/14W-14C01 S 19			129.9	10/31/72 11/30/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	199.1(5) 199.1(5) 198.1(5) 198.1(5) 199.1(5) 199.1(5) 200.1(5) 200.1(5) 200.1(5) 197.1(5) 197.1(5) 196.1(5)	-69.2 -69.2 -68.2 -68.2 -69.2 -69.2 -70.2 -70.2 -70.2 -67.2 -67.2 -66.2	1101	035/11W-01P01 S 19			264.0	11/01/72 1/02/73 3/01/73 5/01/73 7/02/73 9/04/73	196.5(5) 194.5(5) 193.5(5) 192.5(5) 196.5(5) 199.5(5)	67.5 69.5 70.5 71.5 67.5 64.5	1101
025/14W-14C02 S 19			130.7	10/31/72 11/30/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	197.0(5) 196.0(5) 196.0(5) 196.0(5) 197.0(5) 195.0(5) 195.0(5) 195.0(5) 195.0(5) 195.0(5) 195.0(5) 196.0(5)	-66.3 -65.3 -65.3 -65.3 -66.3 -64.3 -64.3 -64.3 -64.3 -67.2 -67.2 -65.3	1101	035/11W-01P02 S 19			266.0	11/01/72 1/08/73 3/12/73 5/01/73 7/03/73 9/04/73	31.0 32.0 31.0 32.5 33.0 33.0	235.0 234.0 235.0 233.5 233.0 233.0	1101
025/14W-14C05 S 19			129.7	10/31/72 11/30/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	195.0(5) 195.0(5) 195.0(5) 196.0(5) 197.0(5) 197.0(5) 198.0(5) 196.0(5) 196.0(5) 195.0(5) 195.0(5) 196.0(5)	-65.3 -65.3 -65.3 -66.3 -67.3 -67.3 -68.3 -66.3 -66.3 -64.3 -64.3 -65.3	1101	035/11W-02K01 S 19			216.0	11/01/72 1/08/73 3/12/73 5/08/73 7/03/73 9/05/73	155.0(5) 150.0(5) 148.0(5) 154.0(5) 160.0(5) 163.0(5)	61.0 66.0 68.0 62.0 56.0 53.0	1101
025/14W-14F02 S			101.0	7/19/73	NM-0		1101	035/11W-02Q01 S 19			214.0	11/01/72 1/08/73 3/12/73 5/08/73 7/03/73 9/05/73	149.0(5) 144.0(5) 140.0(5) 141.0(5) 222.0(1) 221.0(1)	65.0 70.0 74.0 73.0 -8.0 -7.0	1101
025/14W-22P03 S 19			167.0	4/04/73	206.8	-39.8	5050	035/11W-04J03 S			152.2	12/12/72	DRY		1101
025/14W-22P04 S 19			170.0	4/04/73	210.2	-40.2	5050	035/11W-04H02 S 19			154.0	12/12/72 4/06/73	59.5 48.0	94.5 106.0	1101
025/14W-23C02 S			159.0	10/24/72 11/28/72 12/26/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/26/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY		1101	035/11W-05H02 S 19			161.0	11/01/72 1/08/73 3/12/73 5/08/73 7/03/73 9/05/73	52.0 60.0(5) 57.0(5) 54.0(5) 56.0(5) 62.0(5)	109.0 101.0 104.0 107.0 105.0 99.0	1101
								035/11W-05N04 S 19			151.0	12/12/72 4/06/73	129.0 118.0	22.0 33.0	1101
								035/11W-05R02 S 19			171.0	10/24/72 11/27/72 12/26/72 1/22/73 2/26/73 3/28/73 4/23/73 5/29/73 6/25/73 7/23/73	81.1 77.5 80.2 80.0 79.8 76.7 74.5 78.5 78.7 82.0	89.9 93.5 90.8 91.0 91.2 94.3 96.5 92.5 92.3 89.0	1101

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
U-05 U-05.A U-05.AS								U-05 U-05.A U-05.AS							
035/11W-05R02 S 19			171.0	8/27/73 9/24/73	80.5 78.0	90.5 93.0	1101	035/11W-10N02 S			145.0	12/13/72 4/09/73	76.2 84.3	68.8 60.7	1101
035/11W-06K04 S 19			135.9	10/24/72 11/27/72 12/26/72 1/22/73 2/26/73 3/27/73 4/23/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	91.3 91.5 91.6 93.4 91.0 92.5 93.3 93.5 93.8 94.1 93.8 94.0	44.6 44.4 44.3 42.5 44.9 43.4 42.6 42.4 42.1 41.8 42.1 41.9	1101	035/11W-13D01 S			283.6	7/19/73 8/20/73	NM-0 NM-6		1101
035/11W-06P02 S 19			129.0	7/25/73 8/15/73 9/05/73	103.6 104.1 104.5	25.4 24.9 24.5	1733	035/11W-14R01 S			237.0	12/07/72 4/06/73	NM-2 NM-2		1101
035/11W-07R02 S 19			123.0	10/24/72 11/27/72 12/26/72 1/22/73 2/26/73 3/27/73 4/23/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	97.5 92.0 92.0 90.5 94.4 91.6 96.5 96.6 93.6 94.0 94.5 97.5	25.5 31.0 31.0 32.5 28.6 31.4 26.5 26.4 29.4 29.0 28.5 25.5	1101	035/11W-14H04 S 19			268.5	12/07/72 4/06/73	204.6 209.0(4)	63.9 59.5	1101
035/11W-07F01 S 19			116.0	10/14/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/07/73 6/14/73 7/14/73 8/14/73 9/21/73	98.1(5) 98.1(5) 98.1(5) 93.1(5) 93.1(5) 96.1(5) 91.1(5) 94.1(5) 115.1(1) 103.1(5) 103.1(5) 104.1(5)	17.9 17.9 17.9 22.9 22.9 19.9 24.9 21.9 0.9 12.9 12.9 11.9	1101	035/11W-14N02 S 19			161.5	12/07/72 4/06/73	121.6 118.4	39.9 43.1	1101
035/11W-07F02 S 19			117.0	10/14/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/07/73 6/14/73 7/14/73 8/14/73 9/14/73	94.0(5) 95.0(5) 93.0(5) 91.0(5) 89.0(5) 89.0(5) 83.0(5) 88.0(5) 92.0(5) 90.0(5) 90.0(5) 93.0(5)	23.0 22.0 24.0 26.0 28.0 28.0 34.0 29.0 25.0 27.0 27.0 24.0	1101	035/11W-14P02 S 19			220.0	12/07/72 4/06/73	156.9 154.6(R)	63.1 65.4	1101
035/11W-07P03 S 19			107.5	10/04/72 11/15/72 12/06/72 1/17/73 2/07/73 3/21/73 4/11/73 5/02/73 6/13/73 7/04/73 8/15/73 9/05/73	92.9 91.5 91.0 89.2 88.6 89.0 88.6 89.7 92.6 94.7 93.0 92.7	14.6 16.0 16.5 18.3 18.9 18.5 18.9 17.8 14.9 12.8 14.5 14.8	1733	035/11W-15G01 S 19			160.4	12/07/72 2/06/73 4/06/73 6/14/73 8/02/73 9/05/73	115.4 105.0(5) 113.4 99.0(5) 147.0(5) 127.0(5)	45.0 55.4 47.0 61.4 13.4 33.4	1101
035/11W-08H01 S 19			160.0	10/14/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/21/73 8/14/73 9/14/73	145.5(5) 147.5(5) 145.5(5) 144.5(5) 142.5(5) 140.5(5) 135.5(5) 140.5(5) 140.5(5) 143.5(5) 143.5(5) 143.5(5)	14.5 12.5 14.5 15.5 17.5 19.5 24.5 19.5 19.5 16.5 16.5 16.5	1101	035/11W-15P01 S 19			125.0	10/02/72 11/01/72 12/01/72 1/02/73 2/01/73 4/02/73 5/01/73 6/03/73 7/02/73 8/02/73 9/15/73	175.5(1) 134.5 130.5 98.5 119.5 86.5 110.5 112.5 146.5(1) 114.5 118.5	-50.5 -9.5 -5.5 26.5 5.5 38.5 14.5 12.5 -21.5 10.5 6.5	1101
035/11W-09A01 S 19			142.0	12/12/72 4/06/73	77.8 74.8	64.2 67.2	1101	035/11W-16F03 S 19			110.0	12/12/72 4/06/73	131.2(4) 71.0	-21.2 39.0	1101
035/11W-09G01 S 19			154.0	12/12/72 4/06/73	103.5(R) 98.7	50.5 55.3	1101	035/11W-16M02 S			90.0	12/07/72 1/22/73	NM-1 NM-1		1101
035/11W-10N01 S			143.5	10/16/72 11/06/72 12/18/72 1/08/73 3/12/73 4/02/73 5/14/73 6/04/73 7/16/73 8/06/73 9/17/73	100.8 97.9 95.2 94.3 92.5 90.3 93.6 94.6 97.5 98.1 99.0	42.7 45.6 48.3 49.2 51.0 53.2 49.9 48.9 46.0 45.4 44.5	1733	035/11W-17M03 S 19			96.0	3/29/73 4/30/73 5/31/73 6/28/73 7/31/73 8/30/73 9/28/73	83.5(5) 95.5(5) 85.5(6) 85.5(6) 85.5(6) 85.5(6) 85.5(6)	12.5 10.5 10.5 10.5 10.5 10.5 10.5	1101
								035/11W-18R04 S			88.0	12/01/72	NM-0		1101
								035/11W-18G04 S 19			102.0	10/14/72 11/07/72 12/07/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/14/73	95.0(5) 93.0(5) 93.0(5) 91.0(5) 90.0(5) 89.0(5) 90.0(5) 93.0(5) 131.0(1) 96.0(5) 95.0(5) 96.0(5)	7.0 9.0 9.0 11.1 12.0 13.0 12.0 9.0 -29.0 6.0 7.0 6.0	1101
								035/11W-18H05 S 19			100.5	10/14/72 11/07/72 12/21/72 1/14/73 2/14/73 3/14/73 4/14/73 5/07/73 6/21/73 7/21/73 8/14/73 9/14/73	94.5(5) 101.5(5) 187.5(1) 90.5(5) 90.5(5) 91.5(5) 99.5(5) 99.5(5) 101.5(5) 95.5(5) 96.5(5)	6.0 -1.0 -87.0 10.0 10.0 10.0 1.0 -9.4 -1.0 5.0 4.0	1101
								035/11W-18L01 S 19			96.0	10/01/72 11/01/72 12/01/72 1/09/73 2/02/73 3/02/73 4/02/73 5/02/73 6/02/73 7/02/73 8/02/73 9/01/73	99.4(5) 100.4(5) 100.4(5) 96.4(5) 94.4(5) 97.4(5) 97.4(5) 105.4(5) 102.4(5) 104.4(5) 106.4(5) 106.4(5)	-3.4 -4.4 -4.4 -0.4 1.6 -1.4 -1.4 -9.4 -6.4 -8.4 -10.4 -10.4	1101
								035/11W-18L02 S 19			95.5	10/01/72 11/01/72 12/01/72 1/09/73 2/02/73 3/02/73 4/02/73 5/02/73	93.8(5) 91.8(5) 91.8(5) 86.8(5) 86.8(5) 85.8(5) 85.8(5) 100.8(5)	1.7 2.7 3.7 8.7 8.7 9.7 3.7 -5.3	1101



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SURAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SURAREA							U-05 U-05.A U-05.A5
035/11W-18L02 S 19 (CONTINUED)			95.5	7/02/73 8/01/73 9/01/73	101.8(5) 90.8(5) 90.8(5)	-6.3 4.7 4.7	1101	035/11W-28R02 S 19			63.0	4/24/73	59.9	4.1	1101
035/11W-18M01 S			96.0	10/30/72 11/29/72 3/30/73 4/30/73 5/31/73 6/28/73 7/31/73 8/30/73 9/28/73	121.0(6) 121.0(6) 108.0(6) 106.0(6) 112.0(6) 112.0(6) 112.0(6) 112.0(6) 112.0(6)	-25.0 -25.0 -12.0 -10.0 -16.0 -16.0 -16.0 -16.0 -16.0	1101	035/11W-28M01 S 19			62.5	10/04/72 11/15/72 12/06/72 1/17/73 2/07/73 3/21/73 4/11/73 5/02/73 6/13/73 7/04/73 8/15/73 9/05/73	61.0 57.8 56.0 54.6 53.7 53.4 54.7 56.4 58.4 60.2 59.7 59.8	1.5 4.7 6.6 7.9 8.4 9.1 7.8 5.9 4.1 2.3 2.9 2.7	1733
035/11W-18O05 S 19			175.5	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	77.2(5) 75.2(5) 71.2(5) 67.2(5) 62.2(5) 56.2(5) 53.2(5) 52.2(5) 52.2(5) 47.2(5) 50.2(5) 47.2(5)	98.3 100.3 104.3 108.3 113.3 119.3 122.3 123.3 123.3 128.3 125.3 128.3	1101	035/11W-29F03 S 19			67.6	12/08/72 4/23/73	79.3 82.1	-11.7 -14.5	1101
035/11W-19A02 S 19			87.0	10/31/72 11/29/72 3/29/73 4/30/73 5/31/73 6/28/73 7/30/73 8/29/73 9/28/73	97.5(5) 97.5(5) 87.5(5) 91.5(5) 94.5(5) 94.5(5) 94.5(6) 96.5(5) 96.5(6)	-10.5 -10.5 -0.5 -4.5 -7.5 -7.5 -7.5 -9.5 -9.5	1101	035/11W-29F08 S 19			58.5	4/22/73	NM-1		1101
035/11W-19F02 S 19			86.0	11/29/72 3/30/73 4/30/73 5/31/73 6/28/73 7/30/73 8/29/73 9/28/73	103.2(5) 96.2(5) 106.2(5) 109.2(5) 109.2(5) 109.2(6) 109.2(6) 109.2(6)	-17.2 -10.2 -20.2 -23.2 -23.2 -23.2 -23.2	1101	035/11W-29F04 S 19			64.0	12/11/72 4/24/73	74.3 81.1	-10.3 -17.1	1101
035/11W-19J02 S 19			76.5	10/31/72 11/29/72 3/20/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73	85.0(5) 85.0(5) 91.0(5) 84.0(5) 84.0(6) 84.0(6) 84.0(6) 84.0(6)	-8.5 -8.5 -14.5 -7.5 -7.5 -7.5 -7.5	1101	035/11W-30M01 S 19			71.0	12/11/72 4/24/73	61.4 61.1	9.6 9.9	1101
035/11W-19O01 S 19			71.0	10/31/72 11/29/72 3/28/73 4/30/73 5/31/73 6/29/73 7/30/73 8/29/73 9/28/73	84.5(5) 84.5(5) 174.5(6) 181.5(6) 181.5(6) 181.5(6) 181.5(6) 183.5(6) 183.5(6)	-13.5 -13.5 -103.5 -110.5 -110.5 -110.5 -110.5 -112.5 -112.5	1101	035/11W-30K02 S 19			65.0	12/08/72 4/24/73	82.9 82.9	-17.9 -17.9	1101
035/11W-20C01 S 19			80.0	10/30/72 11/30/72 3/29/73 4/30/73 5/30/73 6/28/73 7/31/73 8/31/73 9/28/73	80.0(5) 80.0(5) 77.0(5) 79.0(5) 79.0(6) 79.0(6) 79.0(6) 79.0(6) 79.0(6)	0.0 0.0 3.0 1.0 1.0 1.0 1.0 1.0	1101	035/11W-30P02 S 19			56.5	10/28/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/14/73	71.8(5) 68.8(5) 65.8(5) 65.8(5) 62.8(5) 62.8(5) 66.8(5) 69.8(5) 73.8(5) 82.8(5) 76.8(5) 76.8(5)	-15.3 -12.3 -9.3 -9.3 -6.3 -6.3 -10.3 -13.3 -17.3 -26.3 -20.3 -20.3	1101
035/11W-20F01 S 19			79.0	12/11/72 4/24/73	66.5 66.7	12.5 12.3	1101	035/11W-31M03 S 19			51.5	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/21/73 8/14/73 9/14/73	75.0(5) 70.0(5) 66.0(5) 63.0(5) 61.0(5) 64.0(5) 67.0(5) 68.0(5) 76.0(5) 76.0(5) 74.0(5) 76.0(5)	-23.5 -18.5 -14.5 -11.5 -9.5 -12.5 -15.5 -16.5 -24.5 -24.5 -22.5 -24.5	1101
035/11W-20J01 S 19			76.5	12/11/72 4/24/73	83.0(4) 87.6	-6.5 -11.1	1101	035/11W-32P03 S 19			46.2	10/04/72 11/15/72 12/06/72 1/17/73 2/07/73 3/21/73 4/11/73 5/02/73 6/13/73 7/04/73 8/15/73 9/05/73	54.8 49.2 46.3 45.3 43.9 43.8 47.0 49.3 52.0 54.3 52.9 52.3	-8.6 -3.0 -0.1 0.9 2.3 2.4 -0.8 -3.1 -5.4 -8.1 -6.7 -6.1	1733
035/11W-21O03 S 19			81.5	12/07/72 4/06/73	79.6 78.2	1.9 3.3	1101	035/11W-32R04 S 19			47.0	12/11/72 4/24/73	46.7 50.2	0.3 -3.2	1101
035/11W-22L01 S 19			85.0	12/11/72 2/06/73 4/16/73 6/14/73 8/02/73 9/05/73	51.1 46.5(5) 50.5(5) 64.5(5) 66.5(5) 61.5(5)	33.9 38.5 34.5 20.5 18.5 23.5	1101	035/11W-32R06 S 19			47.0	10/31/72 1/04/73 3/01/73 5/09/73 7/03/73 9/06/73	51.8 46.5 44.9 43.8 55.3 55.8	-4.2 0.5 2.1 3.2 -8.3 -8.8	5102
035/11W-27G03 S 19			64.0	12/11/72 4/24/73	69.3 63.4	-5.3 0.6	1101	035/11W-33P03 S 30			47.9	10/11/72 11/08/72 12/12/72 1/08/73 2/15/73 3/05/73 4/17/73 5/10/73 6/05/73 7/05/73 8/23/73 9/07/73	74.4 73.0 70.1 67.0 64.4 63.5 63.0 65.0 67.2 67.1 68.5 74.3	-26.5 -25.1 -22.2 -19.1 -16.5 -15.8 -15.1 -17.1 -19.3 -19.2 -20.6 -26.4	1101
035/11W-27L01 S			62.0	4/24/73	NM-1		1101	035/12W-01A04 S 19			130.0	10/24/72 11/27/72 12/26/72 1/22/73 2/26/73 4/23/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	71.0 70.1 69.8 69.0 67.9 67.2 67.1 71.6 67.4 67.0 66.4	59.0 59.9 60.2 61.0 62.1 62.8 62.9 58.4 62.6 63.0 63.6	1101
035/11W-27R02 S 19			65.1	3/12/73 5/09/73 7/02/73 8/30/73	76.7 72.0 88.8 90.5	-11.6 -6.9 -23.7 -25.4	5102								
035/11W-28B02 S 19			63.0	12/11/72	61.3	1.7	1101								

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
035/12W-01A06	S	19	136.0	10/04/72	75.6	60.4	1733	035/12W-02H04	S	19	119.5	6/28/73	110.0(6)	9.5	1101
				11/15/72	76.8	59.2		(CONTINUED)				7/30/73	87.0(5)	32.5	
				12/06/72	76.3	59.7						8/30/73	87.0(6)	32.5	
				1/17/73	74.2	61.8						9/28/73	87.0(6)	32.5	
				2/07/73	73.8	62.2		035/12W-02H05	S	19	123.0	10/24/72	84.1	38.9	1101
				3/21/73	72.9	63.1					11/27/72	83.4	39.6		
				4/11/73	72.6	63.4					12/26/72	80.6	42.4		
				5/02/73	72.3	63.7					1/22/73	81.5	41.5		
				6/13/73	72.1	63.9					2/26/73	80.2	42.8		
				7/04/73	72.5	63.5					3/27/73	76.0	47.0		
				8/15/73	72.2	63.8					4/23/73	80.3	42.7		
				9/05/73	71.8	64.2					5/29/73	81.8	41.2		
035/12W-01R01	S	19	128.5	12/12/72	82.5(8)	46.0	1101				6/25/73	82.7	40.4		
				4/06/73	79.3(8)	49.2					7/23/73	82.8	40.2		
035/12W-01D02	S	19	128.6	10/24/72	83.0	45.6	1101				8/27/73	83.1	39.9		
				11/27/72	80.7	47.9					9/24/73	80.2	42.9		
				1/22/73	73.9	54.7		035/12W-02L01	S	19	116.5	1/01/73	86.0(5)	30.5	1101
				2/26/73	70.5	58.1					2/01/73	78.0(5)	38.5		
				3/27/73	73.5	55.1					3/01/73	78.0(5)	38.5		
				4/23/73	75.9	52.7					4/01/73	80.0(5)	36.5		
				5/23/73	75.2	53.4					5/01/73	82.0(5)	34.5		
				6/25/73	78.0	50.6					6/01/73	84.0(5)	32.5		
				7/23/73	78.2	50.4					7/01/73	83.0(5)	33.5		
				8/27/73	77.5	51.1					8/01/73	82.0(5)	34.5		
											9/01/73	81.0(5)	35.5		
035/12W-01F06	S	19	127.6	10/24/72	93.7(6)	33.9	1101	035/12W-02P01	S	19	115.5	10/14/72	92.0(5)	23.5	1101
				11/27/72	83.8	43.8					11/07/72	92.0(5)	23.5		
				12/26/72	82.1	45.5					12/14/72	88.0(5)	27.5		
				1/22/73	80.4	47.2					1/14/73	87.0(5)	28.5		
				2/26/73	79.5	48.1					2/14/73	85.0(5)	30.5		
				3/27/73	78.5	49.1					3/14/73	85.0(5)	30.5		
				4/23/73	80.0	47.6					4/14/73	85.0(5)	30.5		
				5/29/73	81.2	46.4					5/07/73	87.0(5)	28.5		
				6/25/73	83.5	44.1					6/14/73	89.0(5)	26.5		
				7/23/73	85.5	42.1					7/14/73	91.0(5)	24.5		
				8/27/73	87.4	40.2					8/14/73	91.0(5)	24.5		
				9/24/73	81.5	46.1					9/21/73	88.0(5)	27.5		
035/12W-01K02	S	19	122.0	10/24/72	82.5	39.5	1101	035/12W-03J01	S	19	118.0	1/01/73	86.0(5)	32.0	1101
				11/27/72	85.9	36.1					2/01/73	86.0(5)	32.0		
				12/26/72	83.7	38.3					3/01/73	88.0(5)	30.0		
				1/22/73	83.9	38.1					4/01/73	90.0(5)	28.0		
				2/26/73	81.7	40.3					5/01/73	98.0(5)	20.0		
				3/27/73	82.4	39.6					6/01/73	92.0(5)	26.0		
				4/23/73	82.0	40.0					7/01/73	91.0	27.0		
				5/29/73	82.0	40.0					8/01/73	91.0	27.0		
				6/25/73	91.2(6)	30.8					9/01/73	95.0	23.0		
				7/23/73	84.0	38.0		035/12W-03M01	S	19	113.0	10/01/72	100.0(5)	13.0	1101
				8/27/73	89.2	32.8					11/01/72	94.0(5)	19.0		
				9/24/73	87.2(6)	34.8					12/01/72	94.0(5)	19.0		
035/12W-01L03	S	19	120.0	10/24/72	87.2	32.8	1101				1/01/73	90.0(5)	23.0		
				11/27/72	81.6	38.4					2/01/73	88.0(5)	25.0		
				12/26/72	84.7	35.3					3/01/73	85.0(5)	28.0		
				1/22/73	82.8	37.2					4/01/73	93.0(5)	20.0		
				2/26/73	82.0	38.0					5/01/73	102.0(5)	11.0		
				3/27/73	80.8	39.2					6/01/73	96.0(5)	17.0		
				4/23/73	82.9	37.1					7/01/73	96.0(5)	17.0		
				5/29/73	84.2	35.8					8/01/73	94.0(5)	19.0		
				6/25/73	84.1	35.9					9/01/73	95.0(5)	18.0		
				7/23/73	84.6	35.4		035/12W-04P01	S	19	110.0	10/30/72	72.7	37.3	1101
				8/27/73	84.6	35.4					11/27/72	73.0	37.0		
				9/24/73	83.1	36.9					12/26/72	73.0	37.0		
035/12W-01M04	S	19	119.0	5/03/73	85.3	33.7	1101				1/24/73	73.5	36.5		
				6/25/73	88.8	30.2					2/26/73	73.6	36.4		
				7/23/73	86.8	32.2					3/27/73	73.6	36.4		
				8/27/73	87.0	32.0					4/23/73	74.0	36.0		
				9/24/73	84.3	34.7					5/29/73	74.3	35.7		
035/12W-01N05	S	19	118.0	10/29/72	85.5	32.5	1101				6/27/73	74.7	35.3		
				11/26/72	82.5	35.5					7/23/73	75.2	34.8		
				12/31/72	82.5	35.5					9/26/73	71.5	38.5		
				1/21/73	80.5	37.5		035/12W-04Q02	S	19	112.0	10/01/72	103.0	9.0	1101
				2/18/73	80.5	37.5					11/01/72	98.0	14.0		
				3/19/73	79.5	38.5					12/01/72	98.0(5)	14.0		
				4/29/73	80.5	37.5					1/01/73	95.0(5)	17.0		
				5/27/73	81.5	36.5					2/01/73	93.0(5)	19.0		
				6/17/73	82.5	35.5					3/01/73	92.0(5)	20.0		
				7/22/73	84.5	33.5					4/01/73	96.0(5)	16.0		
				8/25/73	82.5	35.5					5/01/73	100.0(5)	12.0		
				9/30/73	83.5	34.5					6/01/73	101.0(5)	11.0		
035/12W-02C02	S	19	130.0	12/02/72	78.6	51.4	1101				7/01/73	99.0	13.0		
				5/03/73	79.8	50.2					8/01/73	100.0	12.0		
				6/26/73	79.4	50.6					9/01/73	99.0	13.0		
				7/23/73	79.2	50.8		035/12W-05A01	S	19	109.0	10/31/72	117.0(6)	-8.0	1101
				8/27/73	80.0	50.0					11/29/72	117.0(6)	-8.0		
				9/24/73	84.6	45.4					3/29/73	104.0(6)	5.0		
035/12W-02F01	S	19	127.5	12/12/72	90.2	37.3	1101				4/27/73	109.0(6)	0.0		
				4/18/73	84.5	43.0					5/31/73	114.0(6)	-5.0		
035/12W-02H04	S	19	119.5	10/02/72	99.0(5)	20.5	1101				6/28/73	114.0(6)	-5.0		
				11/29/72	99.0(6)	20.5					7/30/73	114.0(5)	-5.0		
				12/12/72	90.5(8)	29.0					8/30/73	106.0(5)	3.0		
				3/29/73	87.0(6)	32.5					9/28/73	106.0(6)	3.0		
				4/09/73	84.0(5)	35.5		035/12W-05R06	S	19	108.0	10/31/72	69.5(5)	38.5	1101
				5/30/73	110.0(6)	9.5					11/29/72	69.5(5)	38.5		
											3/29/73	70.5(5)	37.5		

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYORO UNIT COASTAL PL OF LA CO HYORO SUBUNIT CENTRAL HYORO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYORO UNIT COASTAL PL OF LA CO HYORO SUBUNIT CENTRAL HYORO SUBAREA							U-05 U-05.A U-05.A5
035/12W-05R06 5 19 (CONTINUED)			108.0	4/27/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	70.5(5) 72.5(5) 72.5(5) 72.5(6) 72.5(6) 72.5(6)	37.5 35.5 35.5 35.5 35.5	1101	035/12W-06F01 5 19 (CONTINUED)			105.4	4/01/73 5/01/73 7/01/73 8/01/73 9/01/73	117.0 120.0 123.0 127.0 121.0	-11.6 -14.6 -17.6 -21.6 -15.6	1101
035/12W-05D02 5 19			105.0	10/30/72 11/27/72 12/26/72 1/24/73 2/26/73 3/27/73 4/23/73 5/29/73 6/26/73 7/23/73 8/27/73 9/24/73	73.9 73.5 73.6 73.5 73.0 73.6 73.8 74.4 75.3 80.1 76.2 76.4	31.1 31.5 31.4 31.5 32.0 31.4 31.2 30.6 29.7 24.9 28.8 28.6	1101	035/12W-07C04 5 19			92.0	10/25/72 11/29/72 12/06/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	108.5(5) 102.5(5) 101.5(5) 101.5(5) 101.5(5) 101.5(5) 101.5(5) 103.5(5) 108.5(5) 113.5(5) 113.5(5) 108.5(5)	-16.5 -10.5 -9.5 -9.5 -9.5 -9.5 -9.5 -11.5 -16.5 -21.5 -21.5 -16.5	1101
035/12W-05H06 5 19			105.5	10/30/72 11/27/72 12/26/72 1/24/73 2/26/73 3/27/73 4/23/73 5/29/73 6/26/73 7/23/73 8/27/73 9/24/73	67.4(8) 67.4(8) 67.6(8) 68.0(8) 68.2(8) 68.3 69.4(8) 70.0(8) 69.2 70.5(8) 69.7(8) 70.8(8)	38.1 38.1 37.9 37.5 37.3 37.2 36.1 35.5 36.3 35.0 35.8 34.7	1101	035/12W-07005 5 19			83.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/07/73	62.2(5) 62.2(5) 62.2(5) 61.7(5) 59.2(5) 58.2(5) 59.2(5) 59.2(5) 59.2(5) 70.2(5) 72.2(5) 72.2(5)	20.8 20.8 20.8 21.3 23.4 24.4 23.4 23.4 23.4 12.4 10.4 10.4	1101
035/12W-05M01 5 19			99.0	10/31/72 11/29/72 1/17/73 3/29/73 4/13/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	117.5(6) 117.5(6) 95.8(4) 117.5(6) 94.2(4) 114.5(6) 114.5(6) 115.5(5) 115.5(6) 115.5(6)	-18.5 -18.5 3.2 -18.5 4.8 -15.5 -15.5 -16.5 -16.5 -16.5	1101	035/12W-09D01 5 19			96.0	10/31/72 11/29/72 3/29/73 4/27/73 5/30/73 6/28/73 7/30/73 8/30/73 9/28/73	70.5(5) 70.5(5) 69.5(5) 70.5(6) 70.5(6) 70.5(6) 70.5(5) 72.5(5) 72.5(6)	25.5 25.5 26.5 25.5 25.5 25.5 25.5 23.5 23.5	1101
035/12W-05R01 5 19			102.0	10/14/72 11/07/72 12/07/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	102.0(5) 102.0(5) 101.0(5) 101.0(5) 91.0(5) 92.0(5) 92.0(5) 92.0(5) 93.0(5) 93.0(5) 93.0(5) 93.0(5)	0.0 0.0 1.0 1.0 11.0 10.0 10.0 10.0 9.0 9.0 9.0 9.0	1101	035/12W-09F01 5 19			93.0	12/14/72 4/09/73	91.0(2) 87.0	2.0 6.0	1101
035/12W-06R03 5 19			102.1	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	122.0 126.0 113.0 111.0 112.0 110.0 113.0 117.0 120.0 123.0 117.0 111.0	-19.9 -23.9 -10.9 -8.9 -9.9 -7.9 -10.9 -14.9 -17.9 -20.9 -14.9 -8.9	1101	035/12W-09L03 5 19			92.0	10/02/72 11/06/72 12/04/72 1/01/73 2/05/73 3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/03/73	64.4 64.1 63.2 63.1 62.8 62.6 62.6 64.3 64.2 65.4 66.1 67.3	27.6 27.9 28.8 28.9 29.2 29.4 29.4 27.7 27.4 26.6 25.9 24.7	1733
035/12W-06R02 5 19			102.1	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	122.0 126.0 113.0 111.0 112.0 110.0 113.0 117.0 120.0 123.0 117.0 111.0	-19.9 -23.9 -10.9 -8.9 -9.9 -7.9 -10.9 -14.9 -17.9 -20.9 -14.9 -8.9	1101	035/12W-08M02 5 19			88.0	10/14/72 4/14/73 5/14/73 6/07/73 7/07/73 8/14/73 9/14/73	62.2(5) 64.2(5) 64.2(5) 66.2(5) 66.2(5) 67.2(5) 110.2(1)	25.8 23.2 23.2 21.8 21.8 20.4 -22.2	1101
035/12W-06D01 5 19			106.5	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	126.8 131.8 116.3 112.8 116.4 112.8 118.8 117.4 131.8 131.8 129.8 131.8	-20.3 -25.3 -9.8 -6.3 -9.9 -6.3 -12.3 -10.9 -25.3 -25.3 -23.3 -25.3	1101	035/12W-09R01 5 19			107.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	104.0(5) 99.0(5) 98.0(5) 95.0(5) 95.0(5) 104.0(5) 110.0(5) 111.0(5) 110.0(5) 116.0(5) 102.0(5) 103.0(5)	3.0 8.0 9.0 12.0 12.0 3.0 -3.0 -4.0 -4.0 -3.0 5.0 4.0	1101
035/12W-06N03 5 19			104.7	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	125.8 117.8 110.8 108.8 108.4 108.8 115.8 115.8 127.8 127.8 126.8 123.8	-21.1 -13.1 -6.1 -4.1 -3.7 -4.1 -11.1 -11.1 -23.1 -23.1 -22.1 -19.1	1101	035/12W-09R02 5 19			106.0	10/16/72 11/06/72 12/18/72 1/08/73 2/19/73 3/12/73 4/02/73 5/14/73 6/04/73 7/16/73 8/06/73 9/17/73	98.9 97.3 93.1 91.7 88.6 88.1 86.7 92.4 94.6 97.5 98.2 95.8	7.1 8.7 12.4 14.3 17.4 17.9 19.3 13.6 11.4 8.5 7.8 10.2	1733
035/12W-06E01 5 19			105.4	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73	125.0 121.0 117.0 114.0 115.0 115.0	-19.6 -15.6 -11.6 -8.6 -9.6 -9.6	1101	035/12W-09D05 5 19			105.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73	102.0(5) 102.0(5) 102.0(5) 101.5(5) 92.0(5) 91.5(5) 91.0(5) 91.0(5) 92.0(5) 92.0(5)	3.0 3.0 3.0 3.5 13.0 13.5 14.0 14.0 13.0 13.0	1101

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
035/12W-09D05 5 19 (CONTINUED)			105.0	8/14/73 9/28/73	92.0(5) 98.0(5)	13.0 7.0	1101	035/12W-12A02 5 19 (CONTINUED)			116.0	7/14/73 8/14/73 9/14/73	102.3(5) 104.3(5) 106.3(5)	13.7 11.7 9.7	1101
035/12W-09F03 5 19			99.0	10/31/72 11/29/72 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	84.5(6) 84.5(6) 84.5(6) 86.5(6) 86.5(6) 86.5(5) 83.5(5) 83.5(6)	14.5 14.5 14.5 12.5 12.5 12.5 15.5 15.5	1101	035/12W-12C10 5 19			116.0	10/01/72 11/01/72 12/01/72 2/02/73 3/02/73 4/02/73 5/02/73 6/02/73 7/02/73	94.0(5) 93.0(5) 90.0(5) 86.0(5) 85.5(5) 85.0(5) 86.0(5) 103.0(5) 103.0(5)	22.0 23.0 26.0 30.0 30.5 31.0 30.0 13.0 13.0	1101
035/12W-09G01 5			103.0	10/31/72 11/29/72 3/28/73 4/30/73 6/28/73 7/30/73 8/30/73 9/28/73	105.0(6) 105.0(6) 95.0(5) 97.0(5) 101.0(5) 101.0(6) 104.0(6) 104.0(6)	-2.0 -2.0 8.0 6.0 2.0 2.0 -1.0 -1.0	1101	035/12W-12F03 5 19			113.0	12/12/72 4/09/73	91.0 84.5	22.0 28.5	1101
035/12W-09G02 5 19			103.0	10/30/72 11/27/72 12/26/72 1/24/73 2/26/73 4/23/73 6/27/73 7/23/73 8/27/73 9/24/73	72.4(2) 72.4(2) 73.3(2) 72.7(2) 72.6(2) 78.4(2) 73.9(2) 80.1(2) 81.4(2) 85.1(2)	30.6 30.6 29.7 30.3 30.4 24.6 22.1 22.9 21.6 17.9	1101	035/12W-12H04 5 19			115.0	7/23/73	NM-6	1101	
035/12W-10C02 5 19			107.0	12/12/72 4/09/73	72.0 73.1	35.0 33.9	1101	035/12W-13A02 5 19			104.0	10/14/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/21/73 8/14/73 9/14/73	98.5(5) 98.5(5) 89.5(5) 88.5(5) 86.5(5) 88.5(5) 87.5(5) 95.5(5) 93.5(5) 93.5(5) 97.5(5) 96.5(5)	5.5 5.5 14.5 15.5 17.5 15.5 16.5 8.5 10.5 10.5 6.5 7.5	1101
035/12W-10C03 5 19			106.0	10/31/72 11/29/72 3/29/73 4/30/73 5/30/73 6/28/73 7/30/73 8/31/73 9/28/73	86.5(6) 86.5(6) 87.5(6) 88.5(6) 88.5(6) 87.5(6) 87.5(6) 87.5(6) 87.5(6)	19.5 19.5 18.5 17.5 17.5 18.5 18.5 18.5 18.5	1101	035/12W-13R04 5 19			104.0	10/28/72 11/14/72 12/14/72 1/07/73 3/14/73 4/14/73 5/28/73 6/07/73 8/28/73 9/21/73	95.9(5) 100.9(5) 91.9(5) 91.9(5) 87.9(5) 85.9(5) 181.9(1) 98.9(5) 89.9(5) 93.9(5)	8.1 3.1 12.1 12.1 16.1 18.1 -77.9 5.1 14.1 10.1	1101
035/12W-10K02 5 19			100.0	6/25/73 7/23/73 8/27/73 9/24/73	69.8 70.2 70.8 71.0	30.2 29.8 29.2 29.0	1733	035/12W-13R06 5 19			104.0	10/14/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/21/73 8/14/73 9/14/73	101.5(5) 97.5(5) 92.5(5) 90.5(5) 89.5(5) 88.5(5) 90.5(5) 91.5(5) 95.5(5) 94.5(5) 95.5(5) 94.5(5)	2.5 6.5 11.5 13.5 14.5 15.5 13.5 12.5 8.5 9.5 8.5 9.5	1101
035/12W-10N03 5 19			94.0	10/30/72 11/29/72 3/30/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	91.5(6) 91.5(6) 91.5(6) 92.5(6) 97.5(6) 97.5(6) 97.5(6) 101.5(5) 101.5(6)	2.5 2.5 2.5 1.5 -3.5 -3.5 -3.5 -7.5 -7.5	1101	035/12W-13F01 5 19			98.0	10/30/72 3/29/73 4/11/73 5/31/73 6/29/73 7/31/73 8/30/73 9/28/73	116.8(6) 83.8(5) 98.8(5) 92.8(5) 92.8(5) 92.8(6) 92.8(6) 92.8(6)	-18.8 14.2 -0.8 5.2 5.2 5.2 5.2 5.2	1101
035/12W-11R04 5 19			109.0	12/12/72 4/09/73	88.8(8) 87.5(8)	20.2 21.5	1101	035/12W-13K03 5 19			89.0	10/01/72 11/01/72 12/01/72 1/09/73 2/02/73 3/02/73 4/02/73 5/02/73 6/02/73 7/02/73 8/01/73 9/01/73	74.5 74.5 70.5 69.5 69.5 69.0 69.5 70.5 70.0 70.0 70.0 68.5	14.5 14.5 18.5 19.5 19.5 20.0 19.5 18.5 19.0 19.0 19.0 20.5	1101
035/12W-11F01 5 19			107.0	7/30/73 8/31/73 9/28/73	107.3(5) 107.3(6) 107.3(6)	-0.3 -0.3 -0.3	1101	035/12W-13L01 5 19			92.0	10/01/72 11/01/72 12/01/72 1/09/73 2/02/73 3/02/73 4/02/73 5/02/73 6/02/73 7/02/73 8/01/73 9/01/73	89.0(1) 90.0(1) 84.0(1) 81.0(1) 79.0 79.0 79.0 84.0 83.0 83.0 90.0 90.0	3.0 2.0 8.0 11.0 13.0 13.0 8.0 9.0 9.0 2.0 2.0	1101
035/12W-11K06 5 19			105.0	10/31/72 11/29/72 3/29/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	80.5(5) 80.5(5) 64.5(6) 69.5(6) 74.5(6) 74.5(6) 74.5(6) 77.5(5) 74.5(5)	24.5 24.5 40.5 35.5 30.5 30.5 30.5 27.5 30.5	1101	035/12W-13O01 5 19			89.0	10/01/72 11/01/72 12/01/72 1/09/73 2/02/73 3/02/73 4/02/73 5/02/73 6/02/73 7/02/73 8/01/73 9/01/73	91.0 83.0 84.0 82.0 82.0 82.0 83.0 85.0 91.0 92.0 91.0	-2.0 6.0 5.0 7.0 7.0 7.0 6.0 4.0 -2.0 -3.0 -2.0	1101
035/12W-11M11 5 19			103.0	12/12/72 4/09/73	70.0(8) 70.7	33.0 32.3	1101	035/12W-13P01 5 19			92.0	10/01/72 11/01/72 12/01/72 1/09/73 2/02/73 3/02/73 4/02/73 5/02/73 6/02/73 7/02/73 8/01/73 9/01/73	89.0(1) 90.0(1) 84.0(1) 81.0(1) 79.0 79.0 79.0 84.0 83.0 83.0 90.0 90.0	3.0 2.0 8.0 11.0 13.0 13.0 8.0 9.0 9.0 2.0 2.0	1101
035/12W-11P01 5 19			104.0	10/30/72 11/27/72 12/26/72 1/24/73 2/26/73 3/27/73 4/23/73 5/29/73 6/27/73 7/23/73 8/27/73 9/24/73	68.6 68.8 69.2 69.3 69.4 69.5 70.1 69.8 69.6 69.7 71.3 71.2	35.4 35.2 34.8 34.7 34.6 34.5 33.9 34.2 34.4 34.3 32.7 32.8	1101	035/12W-13Q01 5 19			89.0	10/01/72 11/01/72 12/01/72 1/09/73 2/02/73 3/02/73 4/02/73 5/02/73 6/02/73 7/02/73 8/01/73 9/01/73	91.0 83.0 84.0 82.0 82.0 82.0 83.0 85.0 91.0 92.0 91.0	-2.0 6.0 5.0 7.0 7.0 7.0 6.0 4.0 -2.0 -3.0 -2.0	1101
035/12W-12A02 5 19			116.0	10/28/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/07/73 6/14/73	96.3(5) 97.3(5) 96.3(5) 98.3(5) 93.3(5) 96.3(5) 92.3(5) 94.3(5) 98.3(5)	19.7 18.7 19.7 17.7 22.7 19.7 23.7 21.7 17.7	1101								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SURUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SURUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
035/12W-13001 S			89.0	9/01/73	91.0	-2.0	1101	035/12W-17A02 S (CONTINUED)			87.0	8/14/73 9/14/73	109.0(1) 111.0(1)	-22.0 -24.0	1101
035/12W-14C06 S 19			97.5	10/30/72 11/29/72 3/30/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	120.0(6) 120.0(6) 107.0(6) 110.0(6) 117.0(6) 117.0(6) 117.0(6) 118.0(5) 118.0(6)	-22.5 -22.5 -9.5 -12.5 -19.5 -19.5 -19.5 -20.5 -20.5	1101	035/12W-17K01 S 19			80.3	10/30/72 11/30/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/30/73 9/28/73	57.3(5) 57.3(5) 57.3(5) 57.3(6) 57.3(6) 57.3(6) 57.3(6) 57.3(6) 57.3(6)	23.0 23.0 23.0 23.0 23.0 23.0 23.0 23.0	1101
035/12W-14F01 S 19			93.0	12/12/72 3/29/73 4/09/73	84.7(8) 102.0(6) 158.7(6)	8.3 -9.0 -65.7	1101	035/12W-18D05 S 19			82.0	4/13/73	61.6	20.4	1101
035/12W-14F03 S 19			89.9	10/11/72 11/08/72 12/12/72 1/08/73 2/15/73 3/09/73 4/17/73 5/10/73 6/05/73 7/05/73 8/23/73 9/07/73	67.2 67.1 67.2 67.2 67.1 66.7 66.7 67.0 67.3 68.7 71.8 69.1	22.7 22.8 22.7 22.7 22.8 23.2 23.2 22.9 22.6 21.2 18.1 20.8	1101	035/12W-18H04 S 19			77.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 4/28/73 7/31/73 8/30/73 9/28/73	59.5(5) 59.5(5) 55.5(5) 55.5(6) 55.5(6) 55.5(6) 60.5(5) 60.5(6) 60.5(6)	17.5 17.5 21.5 21.5 21.5 21.5 16.5 16.5 16.5	1101
035/12W-14J01 S			89.0	10/30/72 11/29/72 12/12/72 3/29/73 4/09/73 5/31/73 6/28/73 7/30/73 8/29/73 9/28/73	95.0(6) 95.0(6) 83.2(8) 81.0(6) 78.0(5) 91.0(6) 91.0(6) 91.0(6) 90.0(5) 90.0(6)	-6.0 -6.0 5.8 8.0 11.0 -2.0 -2.0 -2.0 -1.0 -1.0	1101	035/12W-18J02 S 19			77.0	12/13/72 4/11/73	53.2 54.7	23.8 22.3	1101
035/12W-14J01 S			89.0	10/30/72 11/29/72 12/12/72 3/29/73 4/09/73 5/31/73 6/28/73 7/30/73 8/29/73 9/28/73	95.0(6) 95.0(6) 83.2(8) 81.0(6) 78.0(5) 91.0(6) 91.0(6) 91.0(6) 90.0(5) 90.0(6)	-6.0 -6.0 5.8 8.0 11.0 -2.0 -2.0 -2.0 -1.0 -1.0	1101	035/12W-18L01 S 19			70.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/30/73 9/28/73	60.5(6) 58.5(6) 53.5(6) 53.5(6) 53.5(6) 53.5(6) 58.5(5) 58.5(6) 58.5(6)	9.5 11.5 16.5 16.5 16.5 16.5 11.5 11.5 11.5	1101
035/12W-15A03 S 19			93.0	10/31/72 11/29/72 3/30/73 4/30/73 5/31/73 6/29/73 7/30/73 8/30/73 9/28/73	78.0(5) 77.0(5) 77.0(5) 75.0(5) 77.0(5) 77.0(5) 77.0(5) 84.0(5) 84.0(6)	15.0 16.0 16.0 18.0 16.0 16.0 16.0 9.0 9.0	1101	035/12W-1800A S 19			74.0	12/13/72 4/11/73	19.9(8) 20.0(8)	54.1 54.0	1101
035/12W-15A03 S 19			93.0	10/31/72 11/29/72 3/30/73 4/30/73 5/31/73 6/29/73 7/30/73 8/30/73 9/28/73	78.0(5) 77.0(5) 77.0(5) 75.0(5) 77.0(5) 77.0(5) 77.0(5) 84.0(5) 84.0(6)	15.0 16.0 16.0 18.0 16.0 16.0 16.0 9.0 9.0	1101	035/12W-19C01 S 19			72.0	10/30/72 11/29/72 3/28/73 4/27/73 5/30/73 6/28/73 7/30/73 8/30/73	53.5(5) 51.5(5) 50.5(5) 53.5(5) 53.5(6) 53.5(6) 53.5(6) 53.5(6)	18.5 20.5 21.5 18.5 18.5 18.5 18.5 18.5	1101
035/12W-15N02 S 19			87.0	10/30/72 11/30/72 3/28/73 4/30/73 5/31/73 6/29/73 7/30/73 8/30/73 9/28/73	66.0(5) 66.0(5) 64.0(5) 65.0(5) 67.0(5) 67.0(5) 69.0(5) 71.0(5) 71.0(6)	21.0 21.0 23.0 22.0 20.0 20.0 18.0 16.0 16.0	1101	035/12W-19C03 S 19			72.8	8/30/73 9/28/73	51.6(5) 51.6(6)	21.2 21.2	1101
035/12W-15N02 S 19			87.0	10/30/72 11/30/72 3/28/73 4/30/73 5/31/73 6/29/73 7/30/73 8/30/73 9/28/73	66.0(5) 66.0(5) 64.0(5) 65.0(5) 67.0(5) 67.0(5) 69.0(5) 71.0(5) 71.0(6)	21.0 21.0 23.0 22.0 20.0 20.0 18.0 16.0 16.0	1101	035/12W-19G01 S 19			71.1	10/16/72 11/06/72 12/18/72 1/08/73 2/19/73 3/12/73 4/02/73 5/14/73 6/04/73 7/16/73 8/06/73 9/17/73	51.9 52.0 51.6 51.5 51.7 51.0 50.7 50.6 50.7 51.0 51.2 51.5	19.2 19.1 19.1 19.6 19.4 20.1 20.4 20.5 20.4 20.1 19.9 19.6	1101
035/12W-16F03 S 19			95.0	10/02/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/30/73 9/28/73	79.0(5) 79.0(5) 78.0(6) 78.0(6) 78.0(6) 78.0(6) 78.0(6) 78.0(6) 78.0(6)	16.0 16.0 17.0 17.0 17.0 17.0 17.0 17.0 17.0	1101	035/12W-19P05 S 19			66.0	10/01/72 11/30/72 12/12/72 1/31/73 2/28/73 3/30/73 4/10/73 5/31/73 6/26/73 7/31/73 8/30/73 9/30/73	104.2(5) 146.2(1) 73.0(8) 87.2(5) 152.2(1) 143.2(1) 95.8 149.2(1) 147.2(1) 129.2(5) 112.2(5) 160.2(1)	-38.2 -80.2 -7.0 -21.2 -86.2 -77.2 -29.4 -83.2 -81.2 -63.2 -46.2 -94.2	1101
035/12W-16H01 S 19			92.0	11/29/72 3/30/73 4/30/73 5/31/73 6/29/73 7/30/73 8/30/73 9/28/73	98.5(6) 90.5(6) 90.5(6) 94.5(6) 94.5(6) 94.5(6) 92.5(5) 92.5(6)	-6.5 1.5 1.5 -2.5 -2.5 -2.5 -0.5 -0.5	1101	035/12W-19P03 S 19			66.0	10/30/72 11/29/72 8/30/73 9/28/73	49.0(6) 45.0(6) 52.0(5) 52.0(6)	17.0 21.0 14.0 14.0	1101
035/12W-17A01 S 19			87.0	10/21/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/21/73	58.2(5) 59.2(5) 59.2(5) 58.2(5) 57.2(5) 56.7(5) 59.2(5) 58.2(5) 58.7(5) 60.7(5) 61.2(5) 61.2(5)	28.8 27.8 27.8 28.8 29.8 30.3 27.8 28.8 28.3 26.3 25.8 25.8	1101	035/12W-21A01 S 19			86.0	10/30/72 11/29/72 3/30/73 4/30/73 5/30/73 6/28/73 7/30/73 8/29/73 9/28/73	70.0(5) 71.0(5) 70.0(5) 70.0(5) 71.0(5) 71.0(5) 71.0(5) 71.0(5) 71.0(6)	16.0 15.0 16.0 16.0 15.0 15.0 17.0 15.0 15.0	1101
035/12W-17A02 S			87.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73	134.0(1) 135.0(1) 135.0(1) 135.0(1) 114.0(1) 114.0(1) 109.0(1) 110.0(1) 112.0(1) 108.0(1)	-47.0 -48.0 -48.0 -48.0 -27.0 -27.0 -22.0 -23.0 -25.0 -21.0	1101	035/12W-21F01 S 19			77.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/29/73 9/28/73	56.0(5) 57.0(5) 54.0(5) 54.0(5) 59.0(5) 59.0(5) 60.0(5) 71.0(5) 71.0(6)	21.0 20.0 23.0 23.0 18.0 18.0 17.0 15.0 15.0	1101

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
								U-05 U-05.A U-05.A5							
035/12W-21F01	S	19	77.0	9/2R/73	62.0(6)	15.0	1101	035/12W-23D03	S		84.0	7/18/73	NM-0		1101
035/12W-21G04	S	19	79.0	12/12/72 5/01/73	58.4 58.1	20.6 20.9	1101	035/12W-23F03	S	19	82.0	10/30/72 11/29/72 3/30/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	60.5(5) 59.5(5) 59.5(5) 59.5(6) 59.5(6) 59.5(6) 59.5(5) 60.5(5) 60.5(6)	21.5 22.5 22.5 22.5 22.5 22.5 21.5 21.5	1101
035/12W-21H01	S	19	76.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/30/73 9/28/73	55.0(5) 54.0(5) 51.0(5) 51.0(5) 60.0(5) 60.0(5) 56.0(5) 58.0(5) 58.0(6)	21.0 22.0 25.0 25.0 16.0 16.0 20.0 18.0 18.0	1101	035/12W-23F05	S	19	82.5	10/11/72 11/12/72 12/02/72 1/03/73 2/10/73 3/10/73 4/13/73 5/07/73 6/05/73 7/08/73 8/11/73 9/15/73	118.0(1) 69.0(5) 82.0(5) 82.0(5) 118.0(1) 82.0(5) 82.0(5) 82.0(5) 82.0(5) 69.0(5) 82.0(5) 118.0(1)	-35.5 13.5 0.5 0.5 -35.5 0.5 0.5 0.5 0.5 13.5 0.5 -35.5	1101
035/12W-21001	S	19	70.0	10/09/72 11/20/72 12/11/72 1/01/73 2/12/73 3/05/73 4/16/73 5/07/73 6/18/73 7/09/73 8/20/73 9/10/73	83.9 74.9 73.2 75.5 71.4 72.1 72.2 75.9 82.0 85.8 85.6 82.7	-13.9 -4.9 -3.2 -5.5 -1.4 -2.1 -2.2 -5.9 -12.0 -15.8 -15.6 -12.7	1733	035/12W-24R01	S	19	87.0	10/31/72 11/29/72 3/29/73 4/30/73 5/31/73 7/30/73 8/29/73 9/28/73	72.5(5) 72.5(5) 72.5(6) 72.5(6) 72.5(6) 72.5(6) 73.5(5) 73.5(6)	14.5 14.5 14.5 14.5 14.5 14.5 13.5 13.5	1101
035/12W-21003	S	19	71.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	55.0(5) 53.0(5) 55.0(5) 54.0(5) 54.0(5) 51.0(5) 52.0(5) 56.0(5) 57.0(5) 58.0(5) 58.0(5)	16.0 18.0 16.0 17.0 17.0 20.0 19.0 15.0 14.0 13.0 13.0	1101	035/12W-24001	S		85.0	10/30/72 11/29/72 3/30/73 4/30/73 5/31/73 6/29/73 7/30/73 8/29/73 9/28/73	93.0(5) 93.0(5) 83.0(5) 86.0(5) 92.0(5) 92.0(5) 92.0(6) 95.0(5) 95.0(6)	-8.0 -8.0 2.0 -7.0 -7.0 -7.0 -7.0 -10.0 -10.0	1101
035/12W-22A01	S	19	83.0	10/30/72 11/29/72 3/30/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	89.3(6) 89.3(6) 80.0(5) 81.0(5) 86.0(5) 86.0(5) 86.0(6) 92.0(5) 92.0(6)	-6.3 -6.3 3.0 2.0 -3.0 -3.0 -9.0 -9.0 -9.0	1101	035/12W-24F01	S	19	76.0	10/31/72 11/29/72 3/30/73 4/30/73 5/30/73 6/28/73 7/30/73 8/29/73 9/28/73	66.0(5) 66.0(5) 67.0(5) 70.0(5) 70.0(5) 69.0(5) 69.0(5) 67.5(5) 67.5(6)	10.0 10.0 9.0 6.0 6.0 7.0 7.0 14.5 14.5	1101
035/12W-22F01	S		75.0	10/10/72 11/10/72 12/10/72 1/15/73 2/15/73 3/16/73 4/16/73 5/14/73 6/11/73 7/16/73 8/26/73 9/16/73	83.0(5) 83.0(1) 83.0(5) 83.0(5) 83.0(5) 83.0(5) 83.0(5) 83.0(5) 83.0(5) 93.0(5) 83.0(5) 83.0(5)	-8.0 -8.0 -8.0 -8.0 -8.0 -8.0 -8.0 -8.0 -8.0 -18.0 -8.0 -8.0	1101	035/12W-24K01	S	19	82.0	10/31/72 11/29/72 3/30/73 4/30/73 5/30/73 6/28/73 7/30/73 8/29/73 9/28/73	71.5(5) 71.5(5) 66.5(5) 68.5(5) 66.5(5) 66.5(5) 66.5(6) 67.5(5) 67.5(6)	10.5 10.5 15.5 13.5 15.5 15.5 15.5 14.5 14.5	1101
035/12W-22G02	S		81.0	10/30/72 11/30/72 12/11/72 1/15/73 2/10/73 3/14/73 4/15/73 5/15/73 6/14/73 7/16/73 8/25/73 9/25/73	128.0(1) 128.0(1) 128.0(1) 79.0(5) 79.0(5) 79.0(5) 79.0(5) 79.0(5) 89.0(5) 128.0(1) 79.0(5) 79.0(5)	-47.0 -47.0 -47.0 2.0 2.0 2.0 2.0 2.0 -8.0 -47.0 2.0 2.0	1101	035/12W-25C01	S	19	70.5	12/08/72 4/24/73	87.8 84.1	-17.3 -13.6	1101
035/12W-22H01	S	19	82.0	1/15/73 2/05/73 3/19/73 4/09/73 5/21/73 6/11/73 7/02/73 8/13/73 9/03/73	60.8 60.2 60.1 61.4 61.3 62.5 63.3 64.2 64.3	21.2 21.8 21.9 20.6 20.7 19.5 18.7 17.8 17.7	1733	035/12W-25H01	S	19	68.0	12/08/72 4/24/73	59.5 56.4	8.5 11.6	1101
035/12W-22J01	S	19	81.0	10/30/72 11/30/72 12/11/72 1/15/73 2/10/73 3/14/73 4/15/73 5/15/73 6/14/73 7/16/73 8/25/73 9/25/73	128.0(1) 128.0(1) 128.0(1) 79.0(5) 79.0(5) 79.0(5) 79.0(5) 79.0(5) 89.0(5) 128.0(1) 79.0(5) 79.0(5)	-47.0 -47.0 -47.0 2.0 2.0 2.0 2.0 2.0 -8.0 -47.0 2.0 2.0	1101	035/12W-25J01	S	19	62.0	12/11/72 4/24/73	76.2 82.1	-14.2 -20.1	1101
035/12W-22G03	S		81.0	12/12/72 7/18/73	NM-0 NM-0		1101	035/12W-25P05	S	19	58.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/07/73	57.0(5) 55.0(5) 53.0(5) 53.0(5) 54.0(5) 52.0(5) 52.0(5) 56.0(5) 57.0(5) 64.0(5) 57.0(5) 58.0(5)	1.0 3.0 5.0 5.0 4.0 6.0 6.0 2.0 1.0 -6.0 1.0 0.0	1101
035/12W-22H01	S	19	82.0	1/15/73 2/05/73 3/19/73 4/09/73 5/21/73 6/11/73 7/02/73 8/13/73 9/03/73	60.8 60.2 60.1 61.4 61.3 62.5 63.3 64.2 64.3	21.2 21.8 21.9 20.6 20.7 19.5 18.7 17.8 17.7	1733	035/12W-26C02	S		74.0	10/08/72 11/10/72 12/10/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/11/73 7/15/73 8/30/73 9/22/73	79.0(6) 79.0(6) 79.0(6) 79.0(5) 79.0(5) 79.0(5) 79.0(5) 79.0(5) 79.0(5) 89.0(1) 89.0(5) 89.0(5)	-5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -5.0 -15.0 -15.0 -15.0	1101
035/12W-22P02	S	19	75.0	10/31/72 11/30/72 12/31/72 1/31/73 2/29/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	64.0(5) 60.0(5) 59.0(5) 59.0(5) 57.0(5) 59.0(5) 59.0(5) 62.0(5) 64.0(5) 64.0(5) 66.0(5)	11.0 15.0 16.0 16.0 18.0 16.0 16.0 13.0 11.0 11.0 9.0	1101	035/12W-26D03	S	19	73.0	10/10/72 11/08/72	88.8 90.7	-15.8 -17.7	1101

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
035/12W-26003 5 (CONTINUED)			73.0	12/12/72 1/08/73 2/15/73 3/09/73 4/17/73 5/10/73 6/05/73 7/05/73 8/23/73 9/07/73	87.0 84.5 80.4 79.8 79.4 80.9 82.4 88.4 93.1 93.4	-14.0 -11.5 -7.4 -6.8 -6.4 -7.9 -9.4 -15.4 -20.1 -20.4	1101	035/12W-28H03 5 19 (CONTINUED)			67.0	12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	52.0(5) 52.0(5) 64.0(5) 52.0(5) 53.0(5) 56.0(5) 58.0(5) 58.0(5) 62.0(5)	15.0 15.0 3.0 15.0 14.0 11.0 9.0 9.0 5.0	1101
035/12W-26J01 5 19			71.4	12/08/72 4/24/73	59.0 59.4	12.4 12.0	1101	035/12W-28J02 5 19			64.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	44.0(5) 42.0(5) 41.0(5) 41.0(5) 42.0(5) 41.0(5) 42.0(5) 45.0(5) 47.0(5) 47.0(5) 47.0(5)	20.0 22.0 23.0 23.0 22.0 23.0 22.0 19.0 17.0 17.0 17.0	1101
035/12W-26L03 5			67.0	10/14/72 11/18/72 12/11/72 1/30/73 2/15/73 3/19/73 4/16/73 5/15/73 6/13/73 7/16/73 8/15/73 9/16/73	81.0(5) 81.0(5) 111.0(1) 62.0(5) 111.0(1) 62.0(5) 62.0(5) 62.0(5) 62.0(5) 62.0(5) 62.0(5) 62.0(5)	-14.0 -14.0 -44.0 5.0 -44.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	1101	035/12W-28001 5 19			63.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	54.0(5) 51.0(5) 51.0(5) 51.0(5) 51.0(5) 49.0(5) 51.0(5) 55.0(5) 57.0(5) 57.0(5) 57.0(5)	9.0 12.0 12.0 12.0 12.0 14.0 12.0 8.0 6.0 6.0 6.0	1101
035/12W-26N02 5 19			63.0	10/10/72 11/05/72 12/11/72 1/15/73 2/17/73 3/15/73 4/16/73 5/14/73 6/11/73 7/15/73 8/12/73 9/14/73	53.0(5) 53.0(5) 53.0(5) 53.0(5) 53.0(5) 53.0(5) 53.0(5) 53.0(5) 53.0(5) 53.0(5) 51.0(5) 51.0(5)	10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 12.0 12.0	1101	035/12W-29J01 5 19			63.0	10/09/72 11/20/72 12/11/72 1/01/73 2/12/73 3/05/73 4/16/73 5/07/73 6/18/73 7/09/73 9/10/73	50.5 46.3(4) 45.8 45.9 45.4 44.7 46.1 46.6 49.8 50.1 50.9	12.5 16.7 17.2 17.1 17.6 18.3 16.9 16.4 13.2 12.9 12.1	1733
035/12W-26N03 5 19			63.0	10/08/72 11/10/72 12/11/72 1/15/73 2/17/73 3/19/73 4/16/73 5/14/73 6/14/73 7/16/73 8/27/73 9/23/73	55.0(5) 55.0(5) 56.0(5) 55.0(5) 55.0(5) 55.0(5) 55.0(5) 55.0(5) 55.0(5) 55.0(5) 52.0(5) 55.0(5)	8.0 8.0 7.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 11.0 8.0	1101	035/12W-29M01 5 19			62.5	12/12/72 4/28/73	49.9 48.7	12.6 13.4	1101
								035/12W-29M02 5 19			61.0	12/12/72 4/26/73	52.8 47.2	10.2 15.4	1101
								035/12W-29R01 5 19			56.0	11/17/72 4/11/73 9/21/73	44.7 42.2 50.2	11.3 13.4 5.4	1101
								035/12W-30C03 5 19			65.0	10/01/72 11/30/72 12/13/72 1/31/73 2/28/73 3/30/73 4/30/73 5/31/73 6/26/73 7/31/73 8/30/73 9/30/73	164.2(1) 117.2(5) 75.6(8) 92.2(5) 97.2(5) 92.2(5) 91.2(1) 92.2(5) 82.2(5) 122.2(1) 120.2(1) 112.2(5)	-99.2 -52.2 -10.6 -27.2 -32.2 -27.2 -26.2 -27.2 -17.2 -57.2 -55.2 -47.2	1101
								035/12W-27C02 5			71.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	84.0(5) 78.0(5) 80.0(5) 79.0(5) 75.0(5) 74.0(5) 118.0(1) 85.0(5) 92.0(5) 94.0(5) 85.0(5)	-13.0 -7.0 -9.0 -8.0 -4.0 -3.0 -47.0 -14.0 -21.0 -23.0 -14.0	1101
								035/12W-30F01 5 19			60.0	12/19/72 4/10/73	49.8 48.8	10.2 11.2	1101
								035/12W-27G01 5			71.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73	62.0(5) 61.0(5) 60.0(5) 61.0(5) 57.0(5) 58.0(5) 61.0(5) 63.0(5) 64.0(5) 64.0(5)	9.0 10.0 11.0 10.0 14.0 13.0 10.0 8.0 7.0 7.0	1101
								035/12W-30G01 5 19			60.0	12/13/72 4/10/73	46.8 44.6	13.2 15.4	1101
								035/12W-30K02 5 19			59.0	12/13/72 4/10/73	68.7 67.3	-9.7 -8.3	1101
								035/12W-27M01 5			66.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	53.0(5) 52.0(5) 50.0(5) 49.0(5) 49.0(5) 48.0(5) 49.0(5) 54.0(5) 55.0(5) 55.0(5) 59.0(5)	13.0 14.0 16.0 17.0 17.0 18.0 17.0 12.0 11.0 11.0 7.0	1101
								035/12W-31F03 5 19			51.7	10/04/72 11/01/72 12/06/72 1/03/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/04/73 8/01/73 9/05/73	118.6 110.6 99.8 94.1 91.7 83.6 87.6 95.4 104.5 111.7 112.9 114.7	-66.9 -58.9 -48.1 -42.4 -40.0 -31.9 -35.9 -43.7 -52.8 -60.0 -61.2 -63.0	4204
								035/12W-28H02 5 19			67.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	63.0(5) 54.0(5) 53.0(5) 53.0(5) 65.0(5) 53.0(5) 54.0(5) 57.0(5) 59.0(5) 59.0(5) 63.0(5)	4.0 13.0 14.0 14.0 2.0 14.0 13.0 10.0 8.0 8.0 4.0	1101
								035/12W-32L01 5 19			52.6	10/31/72 11/30/72 1/02/73 3/02/73 4/03/73 5/02/73 6/04/73 7/03/73 8/02/73	43.2 42.3 41.9 42.0 42.0 41.3 42.5 43.7 43.6	9.4 10.3 10.7 10.6 10.6 11.3 10.1 8.9 9.0	5061
								035/12W-28H03 5 19			67.0	10/31/72 11/30/72	62.0(5) 53.0(5)	5.0 14.0	1101
								035/12W-32001 5 19			51.6	11/17/72	41.7	9.9	4206

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							
U-05 U-05.A U-05.A5								U-05 U-05.A U-05.A5							
035/12W-32001 S 19			51.6	3/14/73 4/11/73	40.1 40.1	11.5 11.5	4206	035/12W-35002 S 19			61.0	4/09/73 5/21/73 6/11/73 7/02/73 8/13/73 9/03/73	39.8 40.4 41.3 42.1 41.8 42.2	21.2 20.6 19.7 18.9 19.2 18.8	1733
035/12W-33A06 S 19			63.0	10/03/72 11/02/72 12/06/72 1/15/73 2/07/73 3/16/73 4/17/73 5/11/73 6/14/73 7/13/73 8/15/73 9/16/73	85.6(5) 79.6(5) 72.6(5) 76.6(5) 80.6(5) 78.6(5) 80.6(5) 80.6(5) 80.6(5) 88.6(5) 91.6(5) 85.6(5)	-22.6 -16.6 -9.6 -13.6 -17.6 -15.6 -17.6 -17.6 -17.6 -25.6 -28.6 -22.6	1101	035/12W-35L02 S 19			56.0	12/12/72 4/25/73	50.5 49.9	5.5 6.1	1101
035/12W-33F02 S 19			56.0	12/12/72 5/01/73	42.4 40.9	13.6 15.1	1101	035/12W-36C01 S 19			61.0	12/08/72 4/24/73	39.5 38.7	21.5 22.3	1101
035/12W-33G02 S 19			60.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 7/01/73 8/01/73 9/30/73	78.4(5) 73.4(5) 74.4(5) 75.4(5) 70.4(5) 69.4(5) 81.4(5) 90.4(5) 90.4(5) 84.4(5)	-18.4 -13.4 -14.4 -15.4 -10.4 -9.4 -21.4 -30.4 -30.4 -24.4	1101	035/13W-02A02 S 19			106.2	10/11/72 11/08/72 12/12/72 1/08/73 2/15/73 3/12/73 4/11/73 5/07/73 6/01/73 7/03/73 8/08/73 9/05/73	62.6 62.6 62.6 62.5 62.4 62.5 62.6 62.7 62.8 63.0 63.2 63.2	43.6 43.6 43.6 43.7 43.8 43.7 43.6 43.5 43.4 43.2 43.0 43.0	1101
035/12W-33P01 S 19			48.0	10/11/72 11/02/72 12/22/72 1/15/73 2/12/73 3/20/73 4/18/73 5/19/73 6/08/73 7/13/73 8/16/73 9/16/73	72.5(5) 74.5(5) 58.5(5) 54.5(5) 57.5(5) 55.5(5) 51.5(5) 57.5(5) 69.5(5) 136.5(11) 59.5(5) 74.5(5)	-24.5 -26.5 -10.5 -6.5 -9.5 -7.5 -3.5 -9.5 -21.5 -88.5 -11.5 -26.5	1101	035/13W-02M01 S 19			98.4	10/11/72 11/08/72 12/12/72 1/08/73 2/12/73 3/09/73 4/11/73 5/08/73 6/01/73 7/03/73 8/08/73 9/05/73	67.3 67.2 67.3 67.0 66.9 66.8 66.9 67.1 67.2 67.4 67.7 67.7	31.1 31.2 31.1 31.4 31.5 31.6 31.5 31.3 31.2 31.0 30.7 30.7	1101
035/12W-33P04 S			56.0	10/04/72 11/19/72 12/21/72 1/15/73 2/08/73 3/18/73 4/20/73 5/19/73 6/15/73 7/13/73 8/16/73 9/16/73	88.0(5) 89.0(5) 69.0(5) 69.0(5) 75.0(5) 78.0(5) 138.0(11) 137.0(11) 144.0(11) 146.0(11) 149.0(11) 145.0(11)	-32.0 -33.0 -13.0 -13.0 -19.0 -22.0 -82.0 -81.0 -88.0 -90.0 -93.0 -89.0	1101	035/13W-02001 S 19			97.0	10/25/72 11/29/72 12/06/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	70.0(5) 68.0(5) 69.0(5) 68.0(5) 68.0(5) 68.0(5) 69.0(5) 70.0(5) 70.0(5) 70.0(5) 70.0(5) 70.0(5)	27.0 29.0 28.0 29.0 29.0 28.0 27.0 27.0 27.0 27.0 27.0	1101
035/12W-34C01 S			63.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	87.0(5) 83.0(5) 78.0(5) 73.0(5) 76.0(5) 76.0(5) 84.0(5) 93.0(5) 97.0(5) 97.0(5) 94.0(5)	-24.0 -20.0 -15.0 -10.0 -13.0 -13.0 -21.0 -30.0 -34.0 -34.0 -31.0	1101	035/13W-03F01 S			104.0	12/13/72	NM-A		1101
035/12W-34C01 S			63.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	87.0(5) 83.0(5) 78.0(5) 73.0(5) 76.0(5) 76.0(5) 84.0(5) 93.0(5) 97.0(5) 97.0(5) 94.0(5)	-24.0 -20.0 -15.0 -10.0 -13.0 -13.0 -21.0 -30.0 -34.0 -34.0 -31.0	1101	035/13W-03P01 S 19			98.5	11/01/72 12/06/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	152.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 145.0(5) 152.0(5)	-53.5 -64.5 -64.5 -66.5 -66.5 -66.5 -66.5 -66.5 -66.5 -66.5 -57.5	1101
035/12W-34001 S 19			62.0	10/31/72 11/30/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 7/01/73 8/01/73 9/30/73	61.0(5) 62.0(5) 54.0(5) 59.0(5) 54.0(5) 59.0(5) 55.0(5) 61.0(5) 64.0(5) 63.0(5) 60.0(5)	1.0 0.0 8.0 3.0 8.0 3.0 7.0 1.0 -2.0 -1.0 2.0	1101	035/13W-04D01 S			115.0	10/08/72 11/12/72 12/17/72 1/14/73 2/18/73 3/25/73 4/15/73 5/13/73 6/17/73 7/15/73 8/17/73 9/15/73	251.0(1) 251.0(1) 253.0(1) 247.0(1) 249.0(1) 251.0(1) 251.0(1) 251.0(1) 255.0(1) 255.0(1) 257.0(1) 259.0(1)	-136.0 -138.0 -138.0 -136.0 -136.0 -136.0 -136.0 -136.0 -140.0 -140.0 -142.0 -144.0	1200
035/12W-34G01 S 19			62.0	10/02/72 11/13/72 12/04/72 1/15/73 2/05/73 3/19/73 4/09/73 5/21/73 6/11/73 7/02/73 8/13/73 9/03/73	86.6 77.7 72.8 73.5 71.5 70.2 72.9 77.5 84.9 89.2 88.5 86.9	-24.6 -15.7 -10.8 -11.5 -9.5 -8.2 -10.9 -15.5 -22.9 -27.2 -26.5 -24.9	1733	035/13W-04N01 S 19			98.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/14/73	167.6(5) 167.6(5) 167.6(5) 167.6(5) 162.6(5) 164.6(5) 158.6(5) 202.6(11) 164.6(5) 168.6(5) 179.6(5) 212.6(11)	-69.6 -69.6 -69.6 -69.6 -64.6 -66.6 -60.6 -104.6 -66.6 -70.6 -81.6 -114.6	1101
035/12W-35C01 S 19			64.0	12/12/72 4/25/73	50.3 50.2	13.7 13.8	1101	035/13W-05F02 S			114.0	10/06/72 11/03/72 12/15/72 1/14/73 2/18/73 3/18/73 4/15/73 5/13/73 6/17/73 7/15/73	180.0(5) 179.0(5) 178.0(5) 178.0(5) 176.0(5) 176.0(5) 184.0(5) 176.0(5) 322.0(11) 322.0(11)	-66.0 -65.0 -64.0 -64.0 -62.0 -62.0 -70.0 -62.0 -208.0 -208.0	1200
035/12W-35002 S 19			61.0	10/02/72 11/13/72 12/04/72 1/15/73 2/05/73 3/19/73	42.4 41.5 41.0 40.3 40.3 39.7	18.6 19.5 20.0 20.7 20.7 21.3	1733								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
035/13W-05F02 S (CONTINUED)			114.0	8/17/73 9/14/73	326.0(1) 326.0(1)	-212.0 -212.0	1200	035/13W-11K02 S (CONTINUED)	19		84.4	5/08/73 6/01/73 7/03/73 8/08/73 9/05/73	56.6 56.9 57.3 57.5 57.6	27.8 27.5 27.1 26.9 26.8	1101
035/13W-06P01 S 19			131.0	10/02/72 11/03/72 12/05/72 1/24/73 2/22/73 3/23/73 4/25/73 5/25/73 6/27/73 7/23/73 8/31/73 9/26/73	193.7 192.8 192.2 191.8 191.4 191.0 190.4 191.3 191.3 192.5 193.1 192.3	-62.7 -61.8 -61.2 -60.8 -60.4 -60.0 -59.4 -60.3 -60.3 -61.5 -62.1 -61.3	1200	035/13W-12A01 S			94.0	12/14/72	NM-6		1101
035/13W-09A01 S			93.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/31/73 9/28/73	125.0(5) 119.0(5) 124.0(6) 124.0(6) 124.0(6) 124.0(6) 125.0(5) 125.0(6) 125.0(6)	-32.0 -26.0 -31.0 -31.0 -31.0 -31.0 -32.0 -32.0 -32.0	1101	035/13W-12F04 S			89.0	10/25/72 11/29/72 12/06/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	95.0(5) 90.0(5) 90.0(5) 89.0(5) 86.0(5) 87.0(5) 86.0(5) 91.0(5) 94.0(5) 98.0(5) 99.0(5) 103.0(5)	-6.0 -1.0 -1.0 0.0 3.0 2.0 3.0 -2.0 -5.0 -9.0 -10.0 -14.0	1101
035/13W-09K01 S 19			90.8	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/29/73 7/30/73 8/30/73	145.1(5) 146.1(5) 141.1(5) 141.1(6) 141.1(6) 141.1(6) 145.1(5) 145.1(6)	-54.3 -55.3 -50.3 -50.3 -50.3 -50.3 -54.3 -54.3	1101	035/13W-12J01 S 19			85.0	12/06/72 1/03/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/08/73	84.0(5) 100.0(5) 85.0(5) 85.0(5) 85.0(5) 100.0(5) 92.0(5) 96.0(5) 96.0(5)	1.0 -15.0 0.0 0.0 0.0 -15.0 -7.0 -11.0 -11.0	1101
035/13W-10G01 S			85.0	10/15/72 11/10/72 12/17/72 1/12/73 2/18/73 3/16/73 4/12/73 5/13/73 6/16/73 7/19/73 8/17/73 9/14/73	143.0(1) 149.0(1) 121.0(5) 121.0(5) 117.0(5) 117.0(5) 117.0(5) 123.0(5) 127.0(5) 145.0(1) 133.0(5) 131.0(5)	-58.0 -64.0 -36.0 -36.0 -32.0 -32.0 -32.0 -38.0 -42.0 -60.0 -48.0 -46.0	1200	035/13W-12001 S 19			82.5	10/25/72 11/29/72 12/06/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	103.0(5) 98.0(5) 98.0(5) 98.0(5) 95.0(5) 94.0(5) 94.0(5) 99.0(5) 103.0(5) 107.0(5) 111.0(5) 107.0(5)	-20.5 -15.5 -15.5 -15.5 -12.5 -11.5 -11.5 -16.5 -20.5 -24.5 -28.5 -24.5	1101
035/13W-10G02 S 19			85.0	10/16/72 11/10/72 12/17/72 1/14/73 2/18/73 3/16/73 4/15/73 5/19/73 6/16/73 7/15/73 8/17/73 9/14/73	164.5(1) 137.5(1) 132.5(1) 131.5(5) 129.5(1) 129.5(1) 129.5(1) 132.5(1) 135.5(1) 123.5(5) 143.5(1) 141.5(1)	-79.5 -52.5 -47.5 -46.5 -44.5 -44.5 -44.5 -47.5 -50.5 -38.5 -58.5 -56.5	1200	035/13W-13001 S			79.0	10/25/72 11/01/72 12/27/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	104.0(5) 104.0(5) 98.0(5) 99.0(5) 96.0(5) 96.0(5) 95.0(5) 100.0(5) 103.0(5) 105.0(5) 108.0(5) 107.0(5)	-25.0 -25.0 -19.0 -20.0 -17.0 -17.0 -16.0 -21.0 -24.0 -26.0 -29.0 -28.0	1101
035/13W-10L01 S 19			85.0	1/17/73 4/13/73	118.9(8) 116.8(4)	-33.9 -31.8	1101	035/13W-13F01 S 19			77.5	4/11/73	55.8	21.7	1101
035/13W-10L02 S 19			86.0	4/13/73	120.6	-34.6	1101	035/13W-13F04 S			78.5	10/30/72 11/29/72 3/28/73 4/27/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	103.5(5) 103.5(5) 101.5(5) 108.5(5) 115.5(5) 110.5(5) 116.5(5) 116.5(6) 116.5(6)	-25.0 -25.0 -23.0 -30.0 -37.0 -32.0 -38.0 -38.0 -38.0	1101
035/13W-11R02 S			89.0	12/14/72 4/13/73	109.0 108.8	-20.0 -19.8	1101	035/13W-13G01 S 19			79.0	10/30/72	70.0(6)	9.0	1101
035/13W-11C01 S			88.5	10/25/72 11/29/72 12/06/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	108.5(5) 104.5(5) 103.5(5) 105.5(5) 102.5(5) 103.5(5) 99.5(5) 105.5(5) 107.5(5) 112.5(5) 114.5(5) 110.5(5)	-20.0 -16.0 -15.0 -17.0 -14.0 -15.0 -11.0 -17.0 -19.0 -24.0 -26.0 -22.0	1101	035/13W-13J01 S 19			80.0	10/30/72 11/29/72 3/28/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	64.0(5) 63.0(5) 62.0(5) 61.0(5) 61.0(6) 61.0(6) 65.0(5) 65.0(6) 65.0(6)	16.0 17.0 18.0 19.0 19.0 19.0 15.0 15.0 15.0	1101
035/13W-11F01 S			85.0	10/25/72 11/29/72 12/06/72 1/03/73 2/07/73 3/07/73 4/02/73 5/02/73 6/06/73 7/05/73 8/08/73 9/05/73	114.0(5) 111.0(5) 112.0(5) 111.0(5) 109.0(5) 109.0(5) 107.0(5) 103.0(5) 114.0(5) 120.0(5) 123.0(5) 120.0(5)	-29.0 -26.0 -27.0 -26.0 -24.0 -24.0 -22.0 -18.0 -29.0 -35.0 -38.0 -35.0	1101	035/13W-13M01 S			76.0	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	105.0(5) 100.0(5) 98.0(5) 97.0(5) 96.0(5) 95.0(5) 97.0(5) 99.0(5) 103.0(5) 104.0(5) 107.0(5) 105.0(5)	-29.0 -24.0 -22.0 -21.0 -20.0 -19.0 -21.0 -23.0 -27.0 -28.0 -31.0 -29.0	1101
035/13W-11K02 S 19			84.4	10/11/72 11/08/72 12/12/72 1/08/73 2/15/73 3/09/73 4/11/73	57.3 56.9 56.9 56.5 56.5 56.4 56.4	27.1 27.5 27.5 27.9 27.9 28.0 28.0	1101	035/13W-13M02 S			75.6	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73	107.6 102.6 100.6 96.3(5) 94.3(5) 93.6(5) 97.6(5) 99.6(5)	-32.0 -27.0 -25.0 -20.7 -18.7 -18.0 -22.0 -24.0	1101

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
035/13W-13M02 5 (CONTINUED)			75.6	6/15/73 7/15/73 8/15/73 9/15/73	103.6(5) 103.6(5) 107.6(5) 106.6(5)	-28.0 -28.0 -32.0 -31.0	1101	035/13W-20H07 5 19			108.0	4/04/73	154.6	-46.6	1101
035/13W-13P01 5 19			78.2	10/30/72 11/29/72 3/28/73 4/27/73 5/30/73 6/28/73 7/30/73 9/28/73	55.4(5) 53.4(5) 55.2(5) 55.2(6) 55.2(6) 55.2(6) 55.2(6) 55.2(6)	22.8 24.8 23.0 23.0 23.0 23.0 23.0 23.0	1101	035/13W-21A01 5 19			80.0	10/30/72 11/29/72 3/28/73 4/30/73 5/31/73 6/29/73 7/30/73 8/30/73	125.5(5) 125.5(5) 130.5(5) 126.5(5) 126.5(6) 126.5(6) 126.5(6) 126.5(6)	-45.5 -45.5 -50.5 -46.5 -46.5 -46.5 -46.5	1101
035/13W-13P02 5 19			76.0	10/30/72 11/29/72 3/28/73 4/13/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	107.5(6) 107.5(6) 113.5(6) 97.5(4) 93.5(6) 93.5(6) 86.5(5) 83.5(6) 83.5(6)	-31.5 -31.5 -37.5 -21.5 -17.5 -17.5 -10.5 -7.5 -7.5	1101	035/13W-21R01 5 19			85.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/30/73	130.5(5) 129.5(5) 128.5(5) 126.5(5) 126.5(5) 126.5(6) 133.5(5) 133.5(6)	-45.5 -44.5 -43.5 -41.5 -41.5 -41.5 -48.5 -48.5	1101
035/13W-14M01 5			73.0	12/13/72	103.1	-30.1	1101	035/13W-21C06 5 19			95.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/30/73 9/28/73	160.5(5) 154.5(5) 126.5(5) 148.5(6) 148.5(6) 148.5(6) 148.5(6) 148.5(6) 148.5(6)	-65.5 -59.5 -31.5 -53.5 -53.5 -53.5 -53.5 -53.5	1101
035/13W-15C02 5 19			79.0	11/30/72 3/30/73	121.5(5) 121.5(5)	-42.5 -42.5	1101	035/13W-21P01 5 19			91.8	10/16/72 11/06/72 12/18/72 1/08/73 2/19/73 3/12/73 4/02/73 5/14/73 6/04/73 7/16/73 8/06/73 9/17/73	157.6 157.6 153.7 151.7 151.1 150.2 152.0 155.5 155.7 155.8 156.7 157.7	-65.8 -65.4 -61.4 -59.4 -59.3 -58.4 -60.2 -63.7 -63.4 -64.0 -64.4 -65.4	1733
035/13W-15R01 5			75.0	11/30/72 3/30/73	116.0(5) 110.0(5)	-41.0 -35.0	1101	035/13W-21P03 5			93.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/31/73 9/28/73	156.0(5) 154.0(5) 154.0(6) 154.0(6) 154.0(6) 154.0(6) 155.0(5) 155.0(6) 155.0(6)	-63.0 -61.0 -61.0 -61.0 -61.0 -61.0 -62.0 -62.0 -62.0	1101
035/13W-15M03 5			80.0	4/11/73	150.0(3)	-70.0	1101	035/13W-22H07 5 19			68.5	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	139.8(5) 125.8(5) 121.3(5) 119.8(5) 116.8(5) 114.8(5) 114.8(5) 114.8(5) 114.8(5) 114.8(5) 114.8(5) 114.8(5)	-71.4 -57.3 -52.4 -51.3 -48.3 -46.3 -46.3 -46.3 -46.3 -46.3 -46.3	1101
035/13W-15M05 5 19			77.0	11/30/72 3/30/73	126.5(5) 120.5(5)	-49.5 -43.5	1101	035/13W-22M04 5 19			70.1	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	206.7(1) 203.1(1) 203.7(1) 202.1(1) 198.9(1) 201.8(1) 210.1(1) 200.7(1) 203.8(1) 204.0(1) 208.5(1) 205.8(1)	-136.6 -133.0 -133.6 -132.0 -128.4 -131.7 -140.0 -130.6 -133.7 -133.4 -138.4 -135.7	1101
035/13W-15R01 5 19			71.5	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	109.9 102.6 134.2(1) 104.0 120.4(1) 105.0(5) 127.3(1) 129.5(1) 108.0 130.7(1) 130.1(1) 133.1(1)	-38.4 -31.1 -62.7 -32.5 -48.9 -33.5 -55.8 -58.0 -36.5 -59.2 -58.6 -61.6	1101	035/13W-16A01 5			81.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73 7/30/73 8/31/73	143.0(5) 143.0(5) 138.0(5) 138.0(6) 138.0(6) 138.0(6) 147.0(5) 147.0(6)	-62.0 -62.0 -57.0 -57.0 -57.0 -57.0 -66.0 -66.0	1101
035/13W-16M01 5 19			95.0	4/23/73	144.9	-49.9	1101	035/13W-23P02 5			66.3	10/16/72 11/06/72 12/18/72 1/08/73 2/19/73 3/12/73 4/02/73 5/14/73 6/04/73 7/16/73 8/06/73 9/17/73	59.8 59.7 59.4 59.4 59.0 59.0 59.0 58.8 58.8 58.9 59.0 59.2	6.5 6.6 6.4 6.4 7.3 7.3 7.3 7.5 7.5 7.4 7.3 7.1	1733
035/13W-16E01 5 19			93.5	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	141.0(6) 141.0(6) 142.0(5) 140.0(5) 140.0(5) 140.0(5) 139.0(5) 139.0(5) 138.0(5) 140.0(5) 142.0(5) 141.0(1)	-47.5 -47.5 -48.5 -46.5 -46.5 -46.5 -45.5 -45.5 -44.5 -46.5 -48.5 -87.5	1101	035/13W-16H02 5 19			82.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/07/73 7/14/73 8/14/73 9/14/73	126.4(5) 125.4(5) 125.4(5) 123.4(5) 123.4(5) 121.4(5) 122.4(5) 122.4(5) 124.4(5) 124.4(5) 125.4(5) 123.4(5)	-44.4 -43.4 -43.4 -41.4 -41.4 -39.4 -40.4 -40.4 -42.4 -42.4 -43.4 -41.4	1101
035/13W-16M02 5 19			82.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/07/73 7/14/73 8/14/73 9/14/73	126.4(5) 125.4(5) 125.4(5) 123.4(5) 123.4(5) 121.4(5) 122.4(5) 122.4(5) 124.4(5) 124.4(5) 125.4(5) 123.4(5)	-44.4 -43.4 -43.4 -41.4 -41.4 -39.4 -40.4 -40.4 -42.4 -42.4 -43.4 -41.4	1101	035/13W-16X01 5			78.0	10/30/72 11/29/72 3/28/73 4/30/73 5/31/73 6/28/73 7/30/73 8/31/73	130.0(5) 131.0(5) 120.0(6) 120.0(6) 120.0(6) 120.0(6) 122.0(5) 122.0(6)	-52.0 -53.0 -42.0 -42.0 -42.0 -42.0 -44.0 -44.0	1101
035/13W-16N06 5 19			107.0	4/18/73	155.3	-48.3	1101	035/13W-24M01 5 19			70.7	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73	57.4(5) 57.4(5) 57.4(5) 56.4(5) 56.4(5) 57.4(5) 55.4(5) 56.4(5) 56.4(5) 56.4(5)	13.3 13.3 13.3 14.3 14.3 13.3 15.3 14.3 14.3 14.3	1101
035/13W-20H06 5 19			106.0	12/19/72 4/04/73	166.1 162.7	-60.1 -56.7	1101	035/13W-20M07 5			108.0	12/19/72	156.0	-48.0	1101

See page 79 for key to terms and abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SURUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
035/13W-24001	5	19	70.7	8/15/73 9/15/73	56.4(5) 57.4(5)	14.3 13.3	1101	035/13W-35K03	5	19	44.8	11/30/72 12/26/72 1/30/73 2/25/73 3/25/73 4/28/73 5/30/73 6/27/73 7/31/73 8/29/73 9/30/73	186.4(6) 185.5(6) 185.7(6) 185.0(6) 183.1(6) 183.4(6) 182.6(6) 167.5(6) 179.5(6) 157.5(6) 162.1(6)	-141.6 -140.7 -140.9 -140.2 -138.3 -138.6 -137.8 -122.7 -134.7 -112.7 -117.3	1101
(CONTINUED)								(CONTINUED)							
035/13W-24006	5	19	65.0	12/13/72 4/10/73	58.4 57.9	6.6 7.1	1101								
035/13W-24007	5	19	65.0	12/13/72 4/10/73	58.8 58.5	6.2 6.5	1101								
035/13W-25A02	5	19	57.0	12/13/72 4/10/73	48.7 47.7	8.3 9.3	1101								
035/13W-25004	5	19	64.0	10/30/72	63.0(5)	1.0	1101	035/13W-35K04	5	19	46.5	12/13/72 4/09/73	68.2 67.3	-21.7 -20.8	1101
035/13W-25002	5	19	63.0	10/30/72 11/29/72 3/28/73 4/30/73 5/30/73 6/28/73	132.6(5) 119.6(5) 83.6(6) 83.6(6) 83.6(6) 83.6(6)	-69.6 -56.6 -20.6 -20.6 -20.6 -20.6	1101	035/13W-35001	5	19	47.0	4/05/73	161.9	-114.9	5050
035/13W-25002	5	19	57.1	12/13/72 4/10/73	90.2 86.2	-33.1 -29.1	1101	035/13W-35003	5	19	47.0	4/05/73	NM-1		5050
035/13W-26C01	5	19	62.6	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	184.0(1) 132.0(5) 122.0(5) 122.0(5) 119.0(5) 118.0(5) 117.0(5) 123.0(5) 126.0(5) 125.5(5) 127.0(5) 181.0(1)	-121.4 -69.4 -59.4 -59.4 -56.4 -55.4 -54.4 -60.4 -63.4 -62.9 -64.4 -118.4	1101	035/14W-01F01	5	19	227.8	12/12/72 4/11/73	281.8 241.8(3)	-54.0 -14.0	1101
035/13W-26F01	5	19	61.0	4/05/73	108.3	-47.3	5050	035/14W-01F03	5	19	227.0	12/12/72 4/13/73	280.4 278.6	-53.4 -51.6	1101
035/13W-26J03	5	19	59.3	10/13/72 11/29/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/30/73 6/22/73 7/13/73 8/24/73 9/21/73	61.2 61.1 61.0 62.8 60.8 61.5 60.2 123.9 60.2 62.1 60.2 62.0	-1.9 -1.8 -1.7 -3.5 -1.5 -2.2 -0.9 -64.6 -0.9 -2.8 -0.9 -2.7	4206	045/11W-06001	5	19	41.5	12/11/72 4/25/73	43.9 45.9	-2.4 -4.4	1101
035/13W-26M01	5	19	61.0	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	153.3(5) 152.3(5) 150.3(5) 152.3(5) 149.3(5) 147.3(5) 146.3(5) 147.3(5) 148.3(5) 145.3(5) 146.3(5) 149.3(5)	-92.3 -91.3 -89.3 -91.3 -88.3 -86.3 -85.3 -86.3 -87.3 -84.3 -85.3 -88.3	1101	045/11W-07A01	5	19	44.5	12/11/72 4/25/73	55.2 55.1	-10.7 -10.6	1101
035/13W-27F02	5	19	89.3	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/09/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	162.0(5) 160.0(5) 161.5(5) 154.6(5) 156.0(5) 156.0 157.0(5) 158.5(5) 158.0(5) 159.0(5) 159.5(5) 162.0(5)	-72.7 -70.7 -72.2 -65.3 -66.7 -66.7 -67.7 -69.2 -68.7 -69.7 -70.2 -72.7	5050 1101	045/11W-07H01	5	19	38.0	12/11/72 4/25/73	43.8 47.7	-5.8 -9.7	1101
035/13W-27G01	5	19	68.2	10/15/72 11/15/72 12/15/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	147.0(5) 141.0(5) 142.0(5) 139.0(5) 139.0(5) 138.0(5) 139.0(5) 141.0(5) 139.1(5) 143.0(5) 143.0(5) 145.0(5)	-78.8 -72.8 -73.8 -70.6 -70.8 -69.8 -70.8 -72.8 -70.9 -74.8 -74.8 -76.8	1101	045/11W-07H02	5	19	38.5	10/14/72 11/21/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/07/73 6/07/73 7/14/73 8/14/73 9/21/73	38.7(5) 36.7(5) 37.7(5) 63.7(5) 54.7(5) 72.7(5) 70.7(5) 60.7(5) 60.7(5) 86.7(5) 83.7(5) 76.7(5)	-0.2 1.2 -19.2 -25.2 -16.2 -34.2 -32.2 -22.2 -42.2 -44.2 -45.2 -38.2	1101
035/13W-28G04	5	19	96.0	12/18/72 4/04/73	156.7 155.0	-60.7 -59.0	1101	045/11W-07L01	5	19	33.5	10/14/72 11/07/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/07/73 6/07/73 7/14/73 8/14/73 9/21/73	55.5(5) 51.5(5) 43.5(5) 39.5(5) 40.5(5) 40.5(5) 43.5(5) 45.5(5) 52.5(5) 92.5(1) 49.5(5) 48.5(5)	-22.0 -19.0 -10.0 -6.0 -7.0 -7.0 -10.0 -12.0 -19.0 -59.0 -16.0 -15.0	1101
035/13W-33801	5		156.8	4/05/73	226.8	-70.0	5050	045/11W-07L02	5	19	33.5	12/11/72 4/25/73	49.4 50.4	-15.4 -16.4	1101
035/13W-34H01	5	19	132.0	12/13/72 4/09/73	226.9(2) 219.3	-94.9 -87.3	1101	045/11W-07M01	5	19	31.0	10/31/72 11/29/72 3/29/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	61.0(5) 61.0(5) 51.0(5) 51.0(6) 64.0(5) 64.0(6) 64.0(6) 94.0(5) 94.0(6)	-30.0 -30.0 -20.0 -20.0 -33.0 -33.0 -63.0 -63.0	1101
035/13W-35A05	5	19	27.3	12/18/72 4/03/73	57.6 57.2	-30.3 -29.9	1101	045/11W-07P02	5	19	33.0	10/31/72 11/29/72 3/29/73 4/30/73 5/31/73 6/28/73 7/30/73 8/30/73 9/28/73	50.0(5) 50.0(5) 36.0(5) 36.0(6) 45.0(5) 45.0(6) 45.0(6) 45.0(6) 45.0(6)	-17.0 -17.0 -3.0 -3.0 -12.0 -12.0 -12.0 -12.0	1101
035/13W-35K03	5		44.8	10/26/72	187.8(6)	-143.0	1101	045/11W-18A01	5	19	33.0	12/11/72 4/25/73	38.4 43.1	-5.4 -10.1	1101
								045/11W-18F01	5	19	28.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/21/73	48.0(5) 43.0(5) 40.0(5) 36.0(5) 33.0(5) 36.0(5) 31.0(5) 39.0(5) 38.0(5) 46.0(5) 43.0(5) 42.0(5)	-20.0 -15.0 -12.0 -8.0 -5.0 -8.0 -3.0 -11.0 -10.0 -18.0 -15.0 -14.0	1101
								045/11W-18J01	5	19	31.0	10/14/72	48.5(5)	-17.5	1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
045/11W-18J01 5 19 (CONTINUED)			31.0	11/21/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	43.5(5) 34.5(5) 38.5(5) 39.5(5) 31.5(5) 31.5(5) 38.5(5) 46.5(5) 48.5(5) 46.5(5) 46.5(5)	-12.5 -3.5 -7.5 -8.5 -0.5 -0.5 -7.5 -15.5 -17.5 -15.5 -15.5	1101	045/12W-06J02 5 19 (CONTINUED)			45.9	3/21/73 4/18/73 5/16/73 6/06/73 7/03/73 8/07/73 9/04/73	79.2 84.1 96.2 199.2(1) 196.0(1) 115.9 117.4	-33.3 -38.2 -50.3 -153.3 -150.1 -70.0 -71.5	1101
045/11W-18J05 5 19			28.1	10/11/72 11/08/72 1/08/73 2/15/73 3/05/73 4/17/73 5/10/73 6/05/73 7/05/73 8/23/73 9/07/73	68.9 62.3 55.9 48.8 49.7 56.2 60.3 62.2 70.3 65.1 64.1	-40.8 -36.2 -27.8 -20.7 -21.6 -28.1 -32.2 -34.1 -42.2 -37.0 -36.0	1101	045/12W-06K01 5 19			47.7	10/17/77 11/14/72 12/05/77 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/03/73 8/07/73 9/18/73	106.0 105.0 85.6 82.3 75.2 72.2 78.2 89.0 104.8 112.4 111.3 111.0	-58.3 -57.3 -37.9 -34.6 -27.5 -24.5 -30.5 -41.3 -57.1 -64.7 -63.6 -63.3	1101
045/11W-18P01 5			26.4	10/11/72 11/27/72 12/21/72 1/23/73 2/09/73 3/09/73 4/19/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	59.4 50.6 48.3 44.3 45.9 44.8 53.6 56.2 60.8 60.1 59.5 54.0	-33.0 -24.2 -21.9 -17.9 -19.5 -18.4 -27.2 -29.8 -34.4 -33.7 -33.1 -27.6	4206	045/12W-06K02 5			47.1	10/17/72 11/14/72 12/05/77 1/03/73 2/21/73 3/07/73 4/04/73 5/02/73 6/06/73 7/03/73 8/07/73 9/18/73	114.1 171.9(1) 169.8(1) 167.5(1) 84.1 81.8 162.9(1) 169.3(1) 173.7(1) 167.1(1) 181.1(1) 183.4(1)	-67.0 -124.8 -122.7 -120.4 -37.0 -34.7 -115.8 -122.2 -126.6 -120.0 -134.0 -136.3	1101
045/12W-03N01 5 19			54.0	10/02/72 11/02/72	101.2(5) 81.2(5)	-47.2 -27.2	1101	045/12W-06K04 5 19			46.6	10/17/72 11/14/77 12/05/77 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/03/73 8/07/73 9/18/73	115.0 105.3 114.2 88.5 81.7 75.3 88.2 99.3 111.7 116.5 117.4 115.3	-68.4 -58.7 -67.6 -41.4 -35.1 -28.7 -41.6 -52.7 -65.1 -64.9 -70.8 -68.7	1101
045/12W-03F01 5 19			53.0	10/02/72 11/02/72 12/22/72 1/15/73 2/13/73 3/17/73 4/18/73 5/19/73 6/15/73 7/12/73 8/16/73 9/16/73	90.5(5) 80.5(5) 70.5(5) 74.5(5) 74.5(5) 70.5(5) 77.5(5) 82.5(5) 85.5(5) 90.5(5) 87.5(5) 90.5(5)	-37.5 -27.5 -17.5 -21.5 -21.5 -17.5 -24.5 -29.5 -32.5 -37.5 -34.5 -37.5	1101	045/12W-08N02 5 19			62.0	12/12/77 4/25/77	106.7 105.1	-44.7 -43.1	1101
045/12W-03H01 5			55.0	10/02/72 11/07/72 12/09/72 1/18/73 2/15/73 3/15/73 4/21/73 5/06/73 6/12/73 7/15/73 8/17/73 9/12/73	84.0(5) 84.0(5) 60.0(5) 69.0(5) 65.0(5) 63.0(5) 74.0(5) 77.0(5) 77.0(5) 136.0(1) 61.0(5) 85.0(5)	-29.0 -29.0 -5.0 -14.0 -10.0 -8.0 -19.0 -22.0 -22.0 -81.0 -6.0 -30.0	1101	045/12W-08N02 5 19			70.0	10/02/72 11/13/77 12/04/77 1/15/73 2/05/73 3/19/73 4/09/73 5/21/73 6/11/73 7/02/73 9/05/73	139.5 123.8 110.3 111.0 107.2 93.7 105.3 117.9 124.1 132.8 133.2	-69.5 -53.8 -40.3 -41.0 -37.2 -23.7 -35.3 -47.9 -54.1 -62.8 -63.2	1734
045/12W-04J03 5			53.0	10/02/72 11/10/72 12/22/72 1/15/73 2/13/73 3/18/73 4/18/73 5/20/73 6/15/73 7/15/73 8/16/73 9/16/73	84.0(5) 72.0(5) 56.0(5) 59.0(5) 61.0(5) 63.0(5) 57.0(5) 64.0(5) 72.0(5) 76.0(5) 76.0(5) 75.0(5)	-31.0 -10.0 -3.0 -6.0 -8.0 -10.0 -4.0 -11.0 -19.0 -23.0 -23.0 -22.0	1101	045/12W-08R01 5			58.0	10/13/77 11/24/77 12/22/77 1/19/73 2/16/73 3/16/73 4/13/73 5/11/73 6/15/73 7/14/73 8/11/73 9/21/73	121.0(5) 108.0(5) 88.0(5) 100.0(5) 98.0(5) 96.0(5) 88.0(5) 92.0(5) 126.0(1) 137.0(1) 117.0(5) 116.0(5)	-63.0 -50.0 -30.0 -42.0 -40.0 -38.0 -30.0 -34.0 -68.0 -79.0 -59.0 -58.0	1101
045/12W-05H01 5 19			50.0	12/11/72 4/25/73	45.9 42.9	4.1 7.1	1101	045/12W-10G01 5			47.0	10/05/77 11/03/72 12/03/77 1/13/73 2/18/73 3/15/73 4/14/73 5/12/73 6/15/73 7/14/73 8/17/73 9/15/73	108.0(5) 104.0(5) 96.0(5) 97.0(5) 99.0(5) 99.0(5) 101.0(5) 106.0(5) 113.0(5) 110.0(5) 56.0(5) 105.0(5)	-61.0 -57.0 -49.0 -50.0 -52.0 -52.0 -54.0 -59.0 -66.0 -63.0 -9.0 -58.0	1101
045/12W-05H02 5 19			50.0	11/17/72 4/05/73	42.3 40.8	7.7 9.2	4206	045/12W-10H01 5			46.0	10/02/72 11/02/77 12/04/72 1/25/73 2/07/73 3/15/73 4/18/73 5/19/73 6/13/73 7/12/73 8/17/73 9/16/73	135.0(1) 123.0(1) 119.0(1) 113.0(1) 114.0(1) 122.0(1) 134.0(1) 138.0(1) 142.0(1) 143.0(1) 60.0(5) 144.0(1)	-89.0 -77.0 -73.0 -67.0 -68.0 -76.0 -88.0 -92.0 -96.0 -97.0 -14.0 -98.0	1101
045/12W-06J01 5			47.0	11/21/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73 5/02/73 6/27/73 7/03/73 8/07/73 9/18/73	152.0(1) 87.6 82.7 74.0 70.8 96.1 151.6(1) 109.8 167.4(1) 186.0(1) 177.3(1)	-105.0 -40.6 -35.7 -27.0 -23.8 -49.1 -104.6 -62.8 -120.4 -139.0 -130.3	1101	045/12W-10H03 5 19			46.5	10/02/72	104.0(5)	-57.5	1101
045/12W-06J02 5 19			45.9	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73	111.5 101.0 94.7 85.8 80.1	-65.6 -55.1 -48.8 -39.9 -34.2	1101								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
045/12W-10M03 5 19 (CONTINUED)			46.5	11/02/72 12/06/72 1/16/73 2/15/73 3/15/73 4/16/73 5/14/73 6/13/73 7/12/73 8/18/73 9/16/73	92.0(5) 86.0(5) 87.0(5) 75.0(5) 79.0(5) 80.0(5) 90.0(5) 95.0(5) 100.0(5) 104.0(5) 98.0(5)	-45.5 -39.5 -40.5 -28.5 -32.5 -33.5 -43.5 -48.5 -53.5 -57.5 -51.5	1101	045/12W-13003 5 19 (CONTINUED)			36.0	12/05/72 1/17/73 2/14/73 3/21/73 4/18/73 5/16/73 6/13/73 7/11/73 8/07/73 9/18/73	76.6 64.0 70.8 76.5 82.5 82.3 85.1 88.9 88.8 175.9(1)	-40.6 -28.0 -34.8 -40.5 -46.5 -46.3 -49.1 -52.9 -52.4 -139.9	1101
045/12W-10J02 5 19			45.5	10/07/72 11/02/72 12/06/72 1/15/73 2/15/73 3/11/73 4/01/73 5/13/73 6/10/73 7/15/73 8/11/73 9/16/73	119.0(5) 100.0(5) 90.0(5) 100.0(5) 86.0(5) 87.0(5) 91.0(5) 78.0(5) 80.0(5) 111.0(5) 106.0(5) 83.0(5)	-73.5 -54.5 -44.5 -54.5 -40.5 -41.5 -45.5 -32.5 -34.5 -65.5 -60.5 -37.5	1101	045/12W-13601 5 19			35.0	10/13/72 11/27/72 12/21/72 1/30/73 2/09/73 3/30/73 4/19/73 5/11/73 6/27/73 7/13/73 8/24/73 9/21/73	87.4 75.4 72.6 61.7 64.5 70.8 80.7 80.4 89.7 85.0 79.6 71.7	-52.4 -40.4 -37.6 -26.7 -29.5 -35.4 -45.7 -45.4 -54.7 -50.0 -44.6 -36.2	4206
045/12W-11903 5			42.0	10/05/72 11/04/72 12/06/72 1/14/73 2/19/73 3/19/73 4/13/73 5/14/73 6/15/73 7/14/73 8/18/73 9/16/73	97.0(5) 89.0(5) 82.0(5) 85.0(5) 77.0(5) 81.0(5) 84.0(5) 89.0(5) 95.0(5) 99.0(5) 100.0(5) 99.0(5)	-55.0 -47.0 -40.0 -43.0 -35.0 -39.0 -42.0 -47.0 -53.0 -57.0 -58.0 -57.0	1101	045/12W-13J02 5 19			28.0	10/13/72 11/27/72 12/21/72 1/30/73 2/09/73 3/30/73 4/19/73 5/11/73 6/27/73 7/13/73 8/24/73 9/21/73	63.3 55.5 52.8 44.5 48.8 49.6 58.7 59.6 65.5 64.0 64.6 54.3	-35.3 -27.5 -24.8 -16.5 -20.8 -21.6 -30.7 -31.6 -37.5 -36.0 -36.6 -26.3	4206
045/12W-12003 5 19			46.3	10/11/72 11/08/72 12/12/72 1/08/73 2/15/73 3/05/73 4/17/73 5/10/73 6/05/73 7/05/73 8/23/73 9/07/73	57.5 58.1 58.3 58.4 58.4 58.4 58.5 58.5 58.8 59.1 60.1 60.1	-11.2 -11.8 -12.0 -12.1 -12.1 -12.1 -12.2 -12.2 -12.5 -12.8 -13.8 -13.8	1101	045/12W-13N01 5 19			28.5	11/17/72 9/26/73	75.3 79.0	-46.4 -50.5	1101
045/12W-12J01 5 19			40.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/14/73	64.8(5) 64.8(5) 55.8(5) 52.8(5) 51.8(5) 56.8(5) 57.8(5) 63.8(5) 70.8(5) 74.8(5) 68.8(5) 70.8(5)	-24.8 -24.8 -15.8 -12.8 -11.8 -16.8 -17.8 -23.8 -30.8 -34.8 -28.8 -30.8	1101	045/12W-13N02 5 19			29.0	10/18/72 11/15/72 12/06/72 1/10/73 8/08/73 9/12/73	169.9(1) 168.7(1) 167.4(1) 154.6(1) 165.3(1) 170.4(1)	-140.9 -139.7 -138.4 -125.6 -136.3 -141.4	1101
045/12W-12003 5 19			46.3	10/11/72 11/08/72 12/12/72 1/08/73 2/15/73 3/05/73 4/17/73 5/10/73 6/05/73 7/05/73 8/23/73 9/07/73	57.5 58.1 58.3 58.4 58.4 58.4 58.5 58.5 58.8 59.1 60.1 60.1	-11.2 -11.8 -12.0 -12.1 -12.1 -12.1 -12.2 -12.2 -12.5 -12.8 -13.8 -13.8	1101	045/12W-13P01 5 19			37.3	4/19/73	82.1	-44.8	1101
045/12W-12J01 5 19			40.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/21/73 6/14/73 7/14/73 8/14/73 9/14/73	64.8(5) 64.8(5) 55.8(5) 52.8(5) 51.8(5) 56.8(5) 57.8(5) 63.8(5) 70.8(5) 74.8(5) 68.8(5) 70.8(5)	-24.8 -24.8 -15.8 -12.8 -11.8 -16.8 -17.8 -23.8 -30.8 -34.8 -28.8 -30.8	1101	045/12W-14A02 5 19			36.0	10/18/72 11/15/72 12/05/72 1/03/73 2/14/73 3/14/73 4/04/73 5/02/73 6/06/73 7/11/73 8/07/73 9/18/73	163.7(1) 156.5(1) 154.3 88.5 151.5(1) 151.1(1) 152.4(1) 160.0(1) 162.1(1) 168.1(1) 167.4(1) 163.9(1)	-127.7 -120.5 -118.3 -52.5 -115.5 -115.1 -116.4 -124.0 -126.1 -132.1 -131.4 -127.9	1101
045/12W-13C01 5 19			33.5	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73 3/21/73 4/04/73 5/02/73 6/27/73 7/11/73 8/07/73 9/18/73	136.3(1) 82.8 77.4 69.7 73.7 74.2 72.1 134.9(1) 138.5(1) 142.5(1) 142.4(1) 138.9(1)	-102.8 -49.3 -43.9 -36.2 -40.2 -40.7 -38.6 -101.4 -105.0 -109.0 -108.9 -105.4	1101	045/12W-14A03 5 19			34.4	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	45.9 41.4 39.9 40.5 38.7 38.3 39.4 40.9 44.0 45.2 41.0 43.2	-11.5 -7.0 -5.5 -6.1 -4.3 -3.9 -5.0 -6.5 -9.4 -10.8 -6.6 -8.8	4206
045/12W-13C02 5 19			36.5	11/28/72 3/28/73 4/11/73 9/21/73	80.8 84.8 84.8 74.4	-44.3 -48.3 -48.3 -37.9	1101	045/12W-14R01 5 19			39.0	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	108.7 107.7 94.4 79.2 91.8 88.1 98.7 101.1 106.7 109.2 113.5 103.4	-69.7 -68.7 -55.4 -40.2 -52.8 -49.1 -59.7 -62.1 -67.7 -70.2 -74.5 -64.4	1101
045/12W-13C03 5			33.0	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73 3/14/73 4/04/73 5/02/73 6/06/73 7/04/73 8/14/73 9/18/73	225.0(1) 211.6(1) 207.6(1) 62.6 73.3 62.3 180.3(1) 200.1(1) 212.3(1) 220.4(1) 86.6 79.8	-192.0 -178.6 -174.6 -29.6 -40.3 -29.3 -147.3 -167.1 -179.3 -187.4 -53.6 -46.8	1101	045/12W-14C01 5 19			44.5	11/17/72 4/11/73 8/07/73 9/18/73	95.3 90.0 167.0(1) 163.5(1)	-50.8 -45.5 -122.5 -119.0	1101
045/12W-13001 5 19			36.1	11/17/72 4/04/73 8/03/73 9/21/73	78.8 79.8 49.5 80.9(6)	-42.7 -43.7 -13.4 -44.8	1101	045/12W-14C06 5 19			36.2	10/18/72 11/15/72 12/05/72 1/17/73 2/14/73 3/28/73 4/04/73 5/16/73 6/06/73	175.8(1) 173.8(1) 172.0(1) 74.7 79.2 80.7 168.1(1) 173.5(1) 173.1(1)	-139.6 -137.6 -135.8 -38.5 -43.0 -44.5 -131.9 -137.3 -136.9	1101
045/12W-13003 5 19			36.0	10/17/72 11/14/72	86.2 80.7	-50.2 -44.7	1101								

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SURAREA							U-05 U-05.A U-05.A5
045/12W-14C06 S 19 (CONTINUED)			36.2	7/04/73 8/07/73 9/18/73	177.4(1) 178.4(1) 178.2(1)	-141.2 -142.2 -142.0	1101	045/12W-17N07 S 19 (CONTINUED)			56.0	4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	96.3 115.5 129.5 132.6 134.9 131.3	-40.3 -59.5 -73.5 -76.6 -78.9 -75.3	1101
045/12W-14001 S 19			46.0	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	86.1 78.9 75.1 67.9 67.1 60.8 62.0 65.6 71.4 76.5 90.7 98.5	-40.1 -32.9 -29.1 -21.9 -21.1 -14.8 -16.0 -19.6 -25.4 -30.5 -44.7 -52.5	1101	045/12W-17P04 S 19			46.0	10/17/72 11/14/72 12/19/72 1/17/73 2/21/73 3/20/73 4/17/73 5/15/73 7/10/73 8/14/73 9/18/73	166.3(1) 100.3 89.4 84.6 80.3 80.2 86.0 149.0(1) 167.6(1) 125.9 185.2(1)	-120.3 -54.3 -43.4 -38.6 -34.3 -34.2 -40.0 -103.0 -121.6 -79.9 -139.2	1101
045/12W-14K01 S 19			29.7	10/18/72 11/01/72 1/30/73 2/28/73 3/21/73 4/04/73 5/02/73 6/20/73 8/01/73 9/19/73	64.1 64.3 73.1 71.6 68.1 73.1 81.4 82.9 93.3(6) 85.5	-34.4 -34.6 -43.4 -41.9 -38.4 -43.4 -51.7 -53.2 -63.6 -55.8	1101	045/12W-17001 S 19			47.2	10/17/72 11/14/72 12/19/72 1/17/73 2/21/73 3/20/73 4/17/73 5/15/73 6/12/73 7/03/73 8/14/73 9/15/73	123.9 100.7 90.0 85.9 89.3 81.2 88.2 103.2 118.4 174.4(1) 125.9 124.6	-76.7 -53.5 -42.3 -38.7 -42.1 -34.0 -41.0 -56.0 -71.2 -127.2 -78.7 -77.4	1101
045/12W-15R01 S 19			40.0	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	87.4 78.6 73.5 66.1 61.1 58.7 60.5 66.1 73.9 80.5 88.4 93.0	-47.4 -38.6 -33.5 -26.1 -21.1 -18.7 -20.5 -26.1 -33.9 -40.5 -48.4 -53.0	1101	045/12W-18R01 S 19			63.0	10/17/72 11/14/72 12/05/72 1/10/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	139.8 118.3 111.8 104.8 99.8 100.2 106.4 118.5 135.8 137.3 139.6 137.0	-76.8 -55.1 -48.4 -41.4 -36.4 -37.2 -43.4 -55.5 -72.8 -74.3 -76.6 -74.0	1101
045/12W-15R02 S 19			40.0	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73	56.4 53.1 52.8 51.8 51.5 51.6	-16.4 -13.1 -12.8 -11.8 -11.5 -11.6	4206	045/12W-20G01 S 19			34.1	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73 3/20/73 4/17/73 5/15/73 6/19/73 7/10/73 8/07/73 9/18/73	119.9 98.7 92.5 84.0 79.3 81.0 87.0 100.4 118.0 121.7 124.0 122.3	-85.8 -64.6 -58.4 -49.9 -45.2 -46.4 -52.9 -60.3 -83.9 -87.4 -89.9 -88.2	1101
045/12W-15C01 S 19			40.0	12/11/72 4/25/73	19.6 19.2(3)	20.4 20.8	1101	045/12W-21J01 S 19			25.2	12/11/72 4/25/73	30.4 29.7	-5.2 -4.5	1101
045/12W-15K03 S 19			37.0	11/17/72 9/26/73	80.3 83.5	-43.3 -46.5	1101	045/12W-21J04 S			36.7	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	94.7 81.6 76.6 68.6 63.3 62.7 67.7 76.3 88.6 94.1 98.8 98.2	-58.0 -44.9 -39.9 -31.9 -26.4 -26.0 -31.0 -39.4 -51.9 -57.4 -62.1 -61.5	1101
045/12W-16J02 S 19			35.0	12/11/72 4/25/73	31.7 35.6	3.3 -0.6	1101	045/12W-21M05 S 19			36.7	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	107.9 88.9 83.2 75.4 72.7 72.4 79.6 90.8 106.4 109.5 112.4 110.2	-71.2 -52.2 -46.5 -38.7 -36.0 -35.7 -42.9 -54.1 -69.7 -72.8 -75.7 -73.5	1101
045/12W-16R01 S 19			31.9	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/02/73 6/06/73 7/04/73 8/08/73 9/12/73	85.1 79.8 141.4(1) 67.7 66.7 65.7 70.5 138.7(1) 145.5(1) 150.6(1) 153.1(1) 153.3(1)	-53.2 -47.9 -109.5 -35.8 -34.8 -33.8 -38.6 -106.8 -113.6 -118.7 -121.2 -121.4	1101	045/12W-22J03 S 19			24.0	12/11/72 4/25/73	29.8 29.3	-5.8 -5.3	1101
045/12W-17F01 S 19			66.0	10/17/72 11/07/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	128.1 119.7 107.8 100.1 93.9 91.7 98.3 107.1 120.3 127.5 125.3 130.8	-62.1 -53.7 -41.8 -34.1 -27.9 -25.7 -32.3 -41.1 -54.3 -62.4 -60.2 -65.7	1101	045/12W-22L01 S 19			22.8	11/17/72 4/02/73	58.6 53.4	-35.8 -30.6	4206
045/12W-17N01 S 19			57.0	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	136.5 113.2 105.4 97.3 92.5 93.0 99.7 113.5 141.0 145.5 136.7 133.5	-79.5 -56.2 -48.4 -40.3 -35.5 -36.0 -42.7 -56.5 -84.0 -88.5 -79.7 -76.5	1101	045/12W-22M01 S 19			25.0	10/04/72 11/15/72 12/06/72 1/17/73 2/07/73 3/21/73 4/11/73 5/02/73 6/13/73	76.3 72.4 66.9 59.4 61.7 60.3 65.4 67.2 71.7	-51.3 -47.4 -41.9 -34.4 -36.7 -35.3 -40.4 -42.2 -46.7	1733
045/12W-17N02 S 19			56.0	10/17/72 11/14/72 12/05/72 1/17/73 2/21/73 3/21/73	134.2 109.2 103.2 94.9 90.0 90.2	-78.2 -53.2 -47.2 -38.9 -34.0 -34.2	1101								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA4							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA4							U-05 U-05.A U-05.A5
04S/12W-22M01 S 19 (CONTINUED)			25.0	7/04/73 8/15/73 9/05/73	73.7 73.8 72.0	-48.7 -48.8 -47.0	1733	04S/12W-28M01 S 19 (CONTINUED)			23.4	5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	52.2 60.5 66.3 72.1 76.4	-28.8 -37.1 -42.9 -48.7 -53.0	1101
04S/12W-23K02 S 19			17.9	11/17/72 9/26/73	48.5 60.3	-30.6 -42.4	1101	04S/12W-28M06 S 19			22.7	10/18/72 11/15/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/07/73 9/18/73	74.6 63.5 57.8 49.9 45.1 42.6 45.6 45.9 60.3 66.0 71.8 75.1	-51.9 -40.8 -35.1 -27.2 -22.4 -19.9 -22.9 -25.2 -37.4 -43.3 -49.1 -52.4	1101
04S/12W-23K03 S 19			19.6	10/18/72 11/15/72 12/06/72 1/17/73 2/28/73 3/21/73 4/11/73 5/30/73 6/06/73 7/04/73 8/01/73 9/12/73	82.1 85.0(1) 65.3 53.9 60.5 58.2 63.1 77.6(1) 89.1(1) 93.4(1) 95.3(1) 94.8(1)	-62.5 -65.4 -45.7 -34.3 -40.9 -38.6 -43.5 -58.0 -69.5 -73.8 -75.7 -75.2	1101	04S/12W-24J01 S			24.0	12/11/72 4/25/73	28.0(6) 62.1(2)	-4.0 -38.1	1101
04S/12W-24J01 S			24.0	12/11/72 4/25/73	28.0(6) 62.1(2)	-4.0 -38.1	1101	04S/12W-28M08 S 19			22.8	11/17/72 4/05/73	54.9 51.7	-32.1 -28.9	4206
04S/12W-24M02 S 19			22.0	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/01/73 9/05/73	90.6 70.9 64.8 59.5 67.4 64.6 68.0 75.4 82.8 85.9 87.4 87.8	-68.6 -48.9 -42.8 -37.5 -45.4 -42.6 -46.0 -53.4 -60.8 -63.9 -65.4 -65.8	1101	04S/12W-28M09 S 19			21.4	10/04/72 11/01/72 12/06/72 1/03/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/04/73 8/01/73 9/05/73	90.6 82.2 67.7 61.6 60.2 55.2 59.3 70.9 81.2 89.7 92.5 91.1	-69.2 -60.4 -46.1 -40.2 -38.8 -33.8 -37.9 -49.5 -59.8 -68.1 -71.1 -69.7	4206
04S/12W-24M04 S 19			22.7	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/01/73 9/05/73	85.1 71.4 64.9 56.9 63.8 60.6 67.7 73.9 80.3 83.7 85.1 84.5	-62.4 -48.7 -42.2 -34.2 -41.1 -37.9 -45.0 -51.2 -57.6 -61.0 -62.4 -61.8	1101	04S/12W-34R02 S 19			12.5	12/15/72 5/01/73	45.2 45.7	-32.7 -33.2	1101
04S/12W-24M04 S 19			22.7	10/18/72 11/15/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/16/73 6/20/73 7/11/73 8/01/73 9/05/73	85.1 71.4 64.9 56.9 63.8 60.6 67.7 73.9 80.3 83.7 85.1 84.5	-62.4 -48.7 -42.2 -34.2 -41.1 -37.9 -45.0 -51.2 -57.6 -61.0 -62.4 -61.8	1101	04S/12W-34R03 S 19			12.5	12/15/72 5/01/73	45.0 48.6	-32.5 -36.1	1101
04S/12W-24M08 S 19			21.6	10/18/72 11/15/72 12/06/72 1/10/73 2/07/73 3/28/73 4/04/73 5/02/73 6/13/73 7/04/73 8/01/73 9/05/73	128.5(1) 70.0 63.7 57.4 112.9(1) 111.9(1) 113.3(1) 122.1(1) 126.6(1) 132.5(1) 135.5(1) 141.1(1)	-106.9 -48.4 -42.1 -35.8 -91.3 -90.3 -91.7 -100.5 -105.0 -110.9 -113.9 -119.5	1101	04S/12W-34N01 S 19			79.4	4/24/73	110.2	-30.8	1101
04S/12W-24M08 S 19			21.6	10/18/72 11/15/72 12/06/72 1/10/73 2/07/73 3/28/73 4/04/73 5/02/73 6/13/73 7/04/73 8/01/73 9/05/73	128.5(1) 70.0 63.7 57.4 112.9(1) 111.9(1) 113.3(1) 122.1(1) 126.6(1) 132.5(1) 135.5(1) 141.1(1)	-106.9 -48.4 -42.1 -35.8 -91.3 -90.3 -91.7 -100.5 -105.0 -110.9 -113.9 -119.5	1101	04S/12W-35A01 S 19			11.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	36.1 27.7 29.2 27.7 30.3 31.2 33.2 33.1	-23.1 -16.7 -18.2 -16.7 -19.3 -20.2 -22.2 -22.1	1101
04S/12W-24M08 S 19			21.6	10/18/72 11/15/72 12/06/72 1/10/73 2/07/73 3/28/73 4/04/73 5/02/73 6/13/73 7/04/73 8/01/73 9/05/73	128.5(1) 70.0 63.7 57.4 112.9(1) 111.9(1) 113.3(1) 122.1(1) 126.6(1) 132.5(1) 135.5(1) 141.1(1)	-106.9 -48.4 -42.1 -35.8 -91.3 -90.3 -91.7 -100.5 -105.0 -110.9 -113.9 -119.5	1101	04S/12W-35A04 S 19			12.5	4/25/73	18.6	-6.1	1101
04S/12W-24001 S 19			24.0	4/19/73	60.7	-36.7	1101	04S/12W-35C01 S 19			10.6	11/17/72 4/02/73	48.8 41.5	-38.2 -30.4	4206
04S/12W-25F01 S 19			15.7	10/18/72 11/16/72 12/20/72 1/23/73 4/04/73 5/30/73 6/06/73 8/15/73 9/09/73	51.0 43.4 37.5 32.4 26.7 61.2(1) 33.6 49.6 55.7(6)	-35.3 -27.7 -21.8 -16.7 -11.0 -45.5 -17.9 -33.9 -40.0	1101	04S/12W-35C02 S 19			11.8	11/17/72 4/05/73	32.0 27.8	-20.2 -16.0	4206
04S/12W-25F01 S 19			15.7	10/18/72 11/16/72 12/20/72 1/23/73 4/04/73 5/30/73 6/06/73 8/15/73 9/09/73	51.0 43.4 37.5 32.4 26.7 61.2(1) 33.6 49.6 55.7(6)	-35.3 -27.7 -21.8 -16.7 -11.0 -45.5 -17.9 -33.9 -40.0	1101	04S/12W-35F01 S 19			10.1	4/19/73	28.5	-18.4	1101
04S/12W-25P01 S 19			26.9	4/19/73	28.1	-1.2	1101	04S/12W-35M01 S 19			10.7	4/25/73	46.8	-36.1	1101
04S/12W-26F02 S 19			16.0	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	67.2 56.0 54.2 53.8 50.4 50.2 55.8 58.7 62.7 64.3 64.5 62.9	-51.2 -40.0 -38.2 -37.8 -34.4 -34.2 -39.8 -42.7 -46.7 -48.3 -48.5 -46.9	4206	04S/12W-35M02 S 19			10.0	4/25/73	14.1	-4.1	1101
04S/12W-26F02 S 19			16.0	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	67.2 56.0 54.2 53.8 50.4 50.2 55.8 58.7 62.7 64.3 64.5 62.9	-51.2 -40.0 -38.2 -37.8 -34.4 -34.2 -39.8 -42.7 -46.7 -48.3 -48.5 -46.9	4206	04S/12W-35M04 S 19			10.7	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	27.2 21.6 23.9 22.3 24.6 25.2 27.2 27.1	-16.5 -10.4 -13.2 -11.6 -13.9 -14.5 -16.5 -16.4	1101
04S/12W-26G01 S 19			15.0	11/17/72 4/02/73	51.1 43.9	-36.1 -28.9	4206	04S/12W-35M05 S			11.9	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	47.9 38.4 40.2 38.6 43.1 44.8 47.8 48.1	-36.0 -26.5 -28.1 -26.7 -31.2 -32.9 -35.9 -36.2	1101
04S/12W-26G01 S 19			15.0	11/17/72 4/02/73	51.1 43.9	-36.1 -28.9	4206	04S/12W-35J01 S 19			9.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	21.8 16.8 19.7 17.8 19.8 19.7 22.0 21.9	-12.8 -7.8 -10.7 -8.8 -10.8 -10.7 -13.0 -12.9	1101
04S/12W-26M01 S 19			16.6	11/17/72 4/02/73	58.0 50.5	-41.4 -33.9	4206	04S/12W-35J05 S 19			9.0	4/25/73	16.9	-7.9	1101
04S/12W-26M01 S 19			16.6	11/17/72 4/02/73	58.0 50.5	-41.4 -33.9	4206	04S/12W-35J06 S 19			9.0	4/25/73	20.6	-11.6	1101
04S/12W-28M01 S 19			23.4	10/18/72 11/15/72 12/05/72 1/17/73 2/21/73 3/21/73 4/18/73	74.3 63.2 58.0 50.4 46.1 42.6 45.6	-50.9 -39.8 -34.6 -27.0 -22.7 -19.2 -22.2	1101	04S/12W-35J06 S 19			9.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73	36.7 28.0 32.2 29.5 33.9	-27.7 -19.0 -23.2 -20.5 -24.9	1101

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.4 U-05.45	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.4 U-05.45
045/12W-35J06 S 19			9.0	5/31/73 7/02/73 8/02/73	34.2 37.5 36.7	-25.2 -28.5 -27.7	1101	045/12W-36M01 S			22.3	4/25/73 5/31/73 7/02/73 8/02/73	52.3 52.1 55.3 54.3	-30.0 -29.8 -33.0 -32.0	1101
(CONTINUED)								(CONTINUED)							
045/12W-35J07 S 19			10.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	34.7 26.5 31.1 28.2 32.3 32.4 35.7 34.7	-24.7 -16.5 -21.1 -18.2 -22.3 -22.4 -25.7 -24.7	1101	045/12W-36M02 S 19			22.1	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	37.9 31.6 34.1 32.4 35.3 35.5 37.7 37.1	-15.8 -4.5 -12.0 -10.3 -13.2 -13.4 -15.6 -15.0	1101
045/12W-35K01 S 19			9.0	4/25/73	25.4	-16.4	1101	045/12W-36M03 S 19			22.1	4/25/73	34.8	-12.7	1101
045/12W-35K02 S 19			9.0	4/25/73	21.3	-12.3	1101	045/12W-36M04 S 19			22.3	4/25/73	26.5	-4.2	1101
045/12W-35K03 S 19			9.0	4/25/73	22.7	-13.7	1101	045/12W-36N02 S 30			11.0	4/19/73	17.8	-6.8	1101
045/12W-35K04 S 19			11.0	4/25/73	21.1	-10.1	1101	045/12W-36N03 S 30			11.0	4/19/73	14.2	-3.2	1101
045/12W-35K05 S 19			9.0	4/25/73	16.2	-7.2	1101	045/12W-36N04 S 30			11.0	4/19/73	15.9	-4.9	1101
045/12W-35K06 S 19			9.0	4/25/73	22.0	-13.0	1101	045/12W-36N09 S 19			23.1	4/19/73	45.7	-22.6	1101
045/12W-35K07 S 19			9.0	4/25/73	37.3	-28.3	1101	045/13W-01F01 S 19			44.5	11/17/72 9/26/73	99.9 104.8	-55.4 -60.3	1101
045/12W-35M01 S 19			60.0	12/15/72 5/01/73	78.1 80.2	-18.1 -20.2	1101	045/13W-12F01 S			33.0	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/11/73 6/22/73 7/13/73 8/24/73	138.0 61.0 135.4 135.1 134.6 135.9 136.4 137.2 136.8 137.0 136.1	-105.0 -28.0 -102.4 -102.1 -101.6 -102.9 -103.4 -104.2 -103.8 -104.0 -103.1	4206
045/12W-35P01 S 19			57.0	4/24/73	70.1	-13.1	1101	045/13W-12F04 S 19			28.2	12/13/72 4/09/73	57.1 56.6	-28.9 -28.4	1101
045/12W-35P02 S 19			57.0	4/24/73	62.7	-5.7	1101	045/13W-12F06 S			38.0	4/12/73	139.0	-101.0	5050
045/12W-35P03 S 19			9.0	4/19/73	17.8	-8.8	1101	045/13W-12F01 S 19			85.2	12/13/72 4/09/73	149.5 125.7	-64.3 -40.5	1101
045/12W-35P04 S 19			9.3	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	17.1 12.5 16.8 14.1 15.6 15.4 16.7 16.5	-7.8 -3.2 -7.5 -4.8 -6.3 -6.1 -7.4 -7.2	1101	045/13W-12M01 S 19			28.0	12/13/72 4/09/73	53.5 53.0	-25.5 -25.0	1101
045/12W-35P09 S 19			8.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	30.4 22.5 27.7 23.5 28.0 27.9 31.0 30.2	-22.4 -14.5 -19.7 -15.5 -20.0 -19.9 -23.0 -22.2	1101	045/13W-12M04 S 19			38.0	12/13/72 4/09/73	145.1 (A) 134.4 (R)	-107.1 -96.4	1101
045/12W-35P10 S 19			9.0	4/25/73	11.8	-2.8	1101	045/13W-13N01 S 19			25.0	4/12/73	127.9	-102.9	5050
045/12W-35P11 S 19			9.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	19.5 14.7 18.3 16.0 17.9 17.6 19.6 19.2	-10.5 -5.7 -9.3 -7.0 -8.9 -8.6 -10.6 -10.2	1101	05S/12W-01F01 S 19			9.0	4/26/73	39.4	-30.4	1101
045/12W-35P12 S 19			9.0	4/25/73	18.1	-9.1	1101	05S/12W-01F02 S 19			9.0	4/26/73 6/01/73 8/03/73	12.5 12.9 15.3	-3.5 -3.4 -6.3	1101
045/12W-35P13 S 19			9.0	4/25/73	13.4	-4.4	1101	05S/12W-01F03 S 19			9.0	4/26/73	14.8	-5.4	1101
045/12W-35P14 S 19			9.0	4/25/73	12.1	-3.1	1101	05S/12W-01F08 S 19			6.7	11/01/72 1/03/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	18.8 14.6 21.5 15.6 20.0 19.6 21.1	-12.1 -7.9 -14.4 -8.9 -13.3 -12.4 -14.4	1101
045/12W-35P16 S 19			9.0	4/19/73	14.1	-5.1	1101	05S/12W-01M01 S 30			10.5	4/27/73	16.3	-5.8	1101
045/12W-35P17 S 19			9.0	4/19/73	14.4	-5.4	1101	05S/12W-01M02 S 30			10.5	4/27/73	17.0	-6.5	1101
045/12W-35P18 S 19			9.0	4/19/73	15.9	-6.9	1101	05S/12W-01M03 S 30			10.5	4/27/73	17.8	-7.3	1101
045/12W-35P19 S 19			9.0	4/19/73	30.4	-21.4	1101	05S/12W-01N01 S			13.2	4/27/73	20.2	-7.0	1101
045/12W-36C01 S 19			15.9	10/13/72 11/27/72 12/21/72 1/23/73 2/09/73 3/30/73 4/19/73 5/11/73 6/22/73 7/13/73 8/24/73 9/21/73	43.3 34.1 31.6 32.2 33.5 31.4 36.2 37.8 41.2 41.2 40.8 38.9	-27.4 -34.2 -15.7 -16.3 -17.6 -15.5 -20.3 -21.9 -25.3 -25.3 -24.9 -23.0	4206	05S/12W-01N02 S 30			13.2	4/27/73	20.1	-6.9	1101
045/12W-36N01 S 19			13.5	4/19/73	18.1	-4.6	1101	05S/12W-01N03 S 30			13.6	4/27/73	20.5	-6.9	1101
045/12W-36F01 S 19			24.7	4/25/73	46.0	-21.3	1101	05S/12W-01N04 S 30			13.6	4/27/73	22.5	-8.9	1101
045/12W-36F02 S 19			24.7	4/25/73	29.3	-4.6	1101	05S/12W-01N05 S 30			13.6	4/27/73	20.9	-7.3	1101
045/12W-36M01 S 19			22.3	11/01/72 1/03/73 2/02/73 3/02/73	55.4 46.1 49.0 47.1	-33.1 -23.8 -26.7 -24.8	1101	05S/12W-02A05 S 19			20.9	11/01/72 1/04/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	26.0 20.7 26.7 22.9 25.0 23.1 23.1	-5.1 0.2 -5.8 -2.9 -4.1 -2.2 -2.2	1101
								05S/12W-02A09 S 19			8.0	4/26/73 6/01/73 8/03/73	8.5 7.6 8.9	-0.5 0.4 -0.9	1101
								05S/12W-02A10 S 19			8.0	4/26/73	8.7	-0.7	1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SURUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5	LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SURUNIT CENTRAL HYDRO SUBAREA							U-05 U-05.A U-05.A5
055/12W-02A10 S 19 (CONTINUED)			8.0	6/01/73 8/03/73	7.7 9.1	0.3 -1.1	1101	055/12W-02R25 S 19 (CONTINUED)			11.0	3/02/73 4/26/73	15.7 15.8	-4.7 -4.8	1101
055/12W-02A11 S 19			8.0	11/01/72 1/03/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	14.9 9.8 14.3 11.2 13.7 12.3 13.9	-6.9 -1.8 -6.3 -3.2 -5.7 -4.3 -5.9	1101	055/12W-02C01 S 19			25.0	11/03/72 1/10/73 3/13/73 4/11/73 7/09/73 9/12/73	30.6 25.7 25.6 27.7 30.2 24.7	-5.6 -0.7 -0.6 -2.7 -5.2 0.3	5102
055/12W-02A12 S 19			8.0	11/01/72 1/03/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	28.4 21.0 26.3 22.2 27.6 26.2 27.7	-20.4 -13.0 -18.3 -14.2 -19.6 -18.2 -19.7	1101	055/12W-02C06 S 19			18.0	4/25/73 5/31/73 7/02/73 8/02/73	18.5 19.7 19.9 20.3	-0.5 -1.7 -1.9 -2.3	1101
055/12W-02A13 S 19			11.1	4/26/73 6/01/73 8/03/73	5.4 2.6 3.7	5.7 8.5 7.4	1101	055/12W-02C07 S 19			18.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	18.8 15.1 20.9 18.6 18.5 17.2 19.3 18.6	-0.8 2.9 -2.4 -0.6 -0.5 0.8 -1.4 -0.4	1101
055/12W-02A14 S 19			11.1	4/26/73 6/01/73 8/03/73	6.6 4.2 5.2	4.5 6.9 5.9	1101	055/12W-02C08 S 19			16.0	4/25/73 5/31/73 7/02/73 8/02/73	19.2 19.4 19.7 20.1	-3.2 -3.4 -3.7 -4.1	1101
055/12W-02A15 S 19			11.1	11/01/72 1/04/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	14.5 9.3 15.9 11.6 13.4 11.4 12.4	-3.4 1.8 -4.8 -0.5 -2.3 -0.3 -1.3	1101	055/12W-02C09 S 19			16.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	21.5 18.5 20.2 19.6 19.9 19.5 20.8 16.7	-5.5 -2.5 -4.2 -3.6 -3.9 -3.5 -4.8 -0.7	1101
055/12W-02A16 S 19			11.1	11/01/72 1/04/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	31.4 23.4 29.5 25.4 30.3 28.6 30.0	-20.3 -12.3 -18.4 -14.3 -19.2 -17.5 -18.9	1101	055/12W-02D04 S			15.0	4/25/73 5/31/73 7/02/73 8/02/73	16.0 15.6 15.9 15.2	-1.0 -0.6 -0.4 -0.2	1101
055/12W-02A19 S 19			20.8	4/26/73	25.4	-4.6	1101	055/12W-02D05 S 19			15.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	16.3 12.0 17.9 14.9 15.5 14.1 16.2 15.9	-1.3 3.0 -2.9 0.1 -0.5 0.4 -1.2 -0.4	1101
055/12W-02A20 S 19			20.9	4/26/73	25.1	-4.2	1101	055/12W-02D06 S 19			15.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	21.6 16.0 22.3 18.3 20.0 18.9 22.4 21.0	-6.6 -1.0 -7.3 -3.3 -5.0 -3.4 -7.4 -6.0	1101
055/12W-02R01 S 19			11.4	11/17/72 4/02/73	11.4 9.7	0.0 1.7	4206	055/12W-02E03 S 19			9.2	4/24/73	15.4	-6.2	1101
055/12W-02R08 S 19			9.0	4/25/73	39.3	-30.3	1101	055/12W-02E04 S 19			9.0	4/24/73	29.8	-20.4	1101
055/12W-02R09 S 19			9.0	4/25/73	14.4	-5.4	1101	055/12W-02E05 S 19			10.0	4/24/73	13.9	-3.9	1101
055/12W-02R12 S			9.0	4/25/73	10.0	-1.0	1101	055/12W-02E13 S 19			10.0	4/24/73	13.9	-3.9	1101
055/12W-02R13 S 19			8.8	4/25/73	15.4	-6.6	1101	055/12W-02E16 S 19			8.1	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	16.0 14.1 15.6 14.6 14.1 14.4 14.6 14.0	-7.9 -6.0 -7.5 -6.5 -6.0 -6.7 -6.5 -5.9	1101
055/12W-02R14 S 19			10.4	11/01/72 1/04/73 2/02/73 3/02/73 4/26/73 5/31/73 6/29/73 8/03/73	13.1 8.0 14.4 9.9 12.1 10.2 13.4 11.8	-2.7 2.4 -4.0 0.5 -1.7 0.2 -3.0 -1.4	1101	055/12W-02E03 S 19			9.2	4/24/73	15.4	-6.2	1101
055/12W-02R15 S 19			10.4	11/01/72 1/04/73 2/02/73 3/02/73 4/26/73 5/31/73 6/29/73 8/03/73	26.5 18.6 25.4 21.2 25.1 23.1 26.5 25.4	-16.1 -8.2 -15.0 -10.8 -14.7 -12.7 -16.1 -15.0	1101	055/12W-02E01 S 19			8.1	12/15/72 5/01/73	8.3 9.6	-0.2 -1.5	1101
055/12W-02R16 S 19			10.8	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 6/29/73 8/02/73	13.6 8.7 14.6 11.2 12.2 13.8 12.6	-2.8 2.1 -3.8 -0.4 -1.4 -3.0 -1.8	1101	055/12W-02E04 S 19			9.0	4/24/73	29.8	-20.4	1101
055/12W-02B17 S 19			10.8	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 6/29/73 8/02/73	19.4 13.5 19.9 15.8 17.7 16.7 20.2 18.7	-8.6 -2.7 -9.1 -5.0 -6.9 -5.9 -9.4 -7.9	1101	055/12W-02E05 S 19			10.0	4/24/73	13.9	-3.9	1101
055/12W-02R22 S 19			10.0	4/25/73	8.2	1.8	1101	055/12W-02E17 S 19			8.0	4/24/73	12.8	-4.8	1101
055/12W-02R23 S 19			10.0	4/25/73	8.6	1.4	1101	055/12W-02E04 S 19			8.0	4/25/73	12.2	-4.2	1101
055/12W-02R24 S 19			10.0	4/25/73	9.3	0.7	1101	055/12W-02G05 S 19			9.0	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73 8/02/73	17.9 15.2 17.2 15.8 16.5 16.4 17.2 16.5	-8.9 -6.2 -8.2 -6.8 -7.5 -7.4 -8.2 -7.5	1101
055/12W-02R25 S 19			11.0	11/01/72 1/04/73 2/02/73	16.7 13.3 17.0	-5.7 -2.3 -6.0	1101	055/12W-02G07 S 19			9.7	12/15/72 5/01/73	10.5 12.0	-0.8 -2.3	1101
								055/12W-02G19 S			9.9	11/01/72 1/03/73 2/02/73 3/02/73 4/25/73 5/31/73 7/02/73	17.9 15.2 16.5 15.5 16.0 16.0 16.7	-8.0 -5.3 -6.6 -5.6 -6.1 -6.1 -6.8	1101

See page 79 for key to terms & abbreviations





TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							
U-05 U-05.8 U-05.81								U-05 U-05.8 U-05.81							
01N/13W-19601	5	19	438.0	8/14/73 9/18/73	183.1 190.1	254.9 247.9	1200	01N/14W-07602	5	19	691.6	3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	180.7 180.4 182.2 185.3 188.9 191.6 190.4	510.9 511.2 509.4 506.3 502.7 500.0 501.2	1200
(CONTINUED)								(CONTINUED)							
01N/13W-19K03	5	19	450.0	11/30/72 1/31/73 2/28/73 3/30/73 4/30/73 5/31/73 6/29/73 7/31/73 9/28/73	180.7 182.8 175.4 176.9 178.1 177.7 178.5 193.4 205.3	269.3 267.2 274.6 273.1 271.9 272.3 271.5 256.6 244.7	1200	01N/14W-07H01	5	19	681.0	12/14/72 4/27/73	177.6 177.2	503.4 503.8	1200
01N/13W-19002	5	19	439.1	10/26/72 11/29/72 12/26/72 1/31/73 2/23/73 3/30/73 4/27/73 5/24/73 6/28/73 7/26/73 8/28/73 9/25/73	157.7 157.2 155.1 150.9 148.6 146.3 145.9 145.8 146.0 148.2 153.7 155.5	281.4 281.9 284.0 288.2 290.5 292.8 293.2 293.3 293.1 290.9 285.4 283.6	1200	01N/14W-07J03	5	19	667.5	12/14/72 4/27/73	171.4 171.4	496.1 496.1	1200
01N/13W-20D01	5	19	483.8	4/04/73	149.6	334.2	1101	01N/14W-07J01	5	19	677.5	12/14/72	176.6	500.9	1200
01N/13W-20H01	5	19	542.0	11/22/72 5/04/73	205.2 204.2	336.8 337.8	1101	01N/14W-07J03	5	19	667.5	12/14/72 4/27/73	171.4 171.4	496.1 496.1	1200
01N/13W-20P01	5	19	540.0	4/09/73 5/04/73	202.5(1) 197.5(5)	337.5 342.5	1101	01N/14W-08A01	5	19	687.2	4/27/73	NM-1		1200
01N/13W-28A01	5		589.0	11/22/72 4/04/73	DRY DRY		1101	01N/14W-08A02	5	19	687.2	12/14/72	201.8	485.4	1200
01N/13W-29L01	5		461.0	11/22/72 4/04/73 5/04/73	DRY NM-3 NM-3		1101	01N/14W-08B01	5	19	687.0	12/14/72 4/27/73	200.7 202.4	486.3 484.6	1200
01N/13W-32D01	5		415.2	10/26/72 11/28/72 12/26/72 1/26/73 2/21/73 3/29/73 4/24/73 5/24/73 6/27/73 7/26/73 8/29/73 9/26/73	65.7 66.1 66.2 66.4 66.1 65.7 65.9 65.4 66.2 67.0 67.5 67.4	349.5 349.1 349.0 348.8 349.1 349.5 349.3 349.8 349.0 348.2 347.7 347.8	1200	01N/14W-08J01	5	19	665.5	12/14/72	189.9	475.6	1200
01N/13W-33N02	5	19	440.5	11/24/72	94.7	345.8	1101	01N/14W-08J03	5	19	656.0	12/14/72	181.4	474.6	1200
01N/13W-33N03	5	19	435.2	11/22/72 4/05/73	90.0 91.5	345.2 343.7	1101	01N/14W-08J04	5	19	665.0	12/14/72	178.9	486.1	1200
01N/14W-04N03	5	19	693.0	11/22/72 4/12/73	210.5 206.7	482.5 486.3	1101	01N/14W-08L01	5	19	669.0	11/10/72 4/27/73	189.4 185.4	479.6 483.6	1200
01N/14W-05N01	5		707.2	12/14/72 4/27/73	204.7 203.0	502.5 504.2	1200	01N/14W-08L02	5	19	665.0	12/14/72 4/27/73	176.5 182.3	488.5 482.7	1200
01N/14W-05P01	5		707.0	12/14/72 4/27/73	209.6 208.3	497.4 498.7	1200	01N/14W-09A03	5	19	661.0	10/30/72 11/27/72 12/10/72 8/20/73 9/20/73	192.6(5) 190.6(5) 188.0(5) 242.9(1) 225.5(1)	468.4 470.4 473.0 418.1 435.5	1101
01N/14W-05P02	5	19	708.2	12/14/72 4/27/73	208.0 206.5	500.2 501.7	1200	01N/14W-09A04	5	19	662.4	10/30/72 11/27/72 12/18/72 1/14/73 2/11/73 3/15/73 4/18/73 5/16/73 6/15/73 7/01/73 8/05/73 9/06/73	192.4 189.0 186.9(5) 188.3(5) 184.6(5) 180.3(5) 181.2(5) 182.6(5) 209.2(1) 215.0(1) 217.4(1) 219.6(1)	470.0 473.4 475.5 474.1 477.8 482.1 481.2 479.8 453.2 447.5 445.1 442.9	1101
01N/14W-06L01	5	19	732.0	12/14/72	212.3	519.7	1200	01N/14W-09E03	5	19	665.0	10/03/72 11/14/72 12/12/72 1/16/73 2/13/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	196.4 191.9 189.0 188.2 185.6 184.3 186.5 188.7 190.8 193.5 193.4 194.2	468.6 473.1 476.0 476.8 479.4 480.7 478.5 476.3 474.2 471.5 471.4 470.8	1200
01N/14W-06N01	5	19	717.9	12/14/72 4/27/73	200.9 198.2	517.0 519.7	1200	01N/14W-09E02	5	19	641.0	10/30/72 11/27/72 12/27/72 1/07/73 2/21/73 3/21/73 4/18/73 5/20/73 7/13/73 8/10/73 9/17/73	179.5 173.6 172.1(5) 172.2(5) 168.8(5) 167.0(5) 171.3(5) 175.0(5) 179.2(5) 208.2(1) 186.3(5)	461.5 467.4 468.8 468.8 472.2 474.0 464.7 466.0 461.8 434.8 456.7	1101
01N/14W-06P01	5	19	721.1	12/14/72 4/27/73	203.4 204.6	517.7 516.5	1200	01N/14W-09G03	5	19	653.0	10/30/72 11/27/72 12/20/72 1/24/73 2/21/73 3/16/73 4/13/73 5/18/73 6/15/73 7/13/73 8/10/73 9/06/73	189.7 186.6 183.8(5) 177.1(5) 180.4(5) 252.3(1) 256.8(1) 183.1(5) 182.6(5) 265.5(1) 272.7(1) 275.6(1)	463.3 466.4 469.2 479.9 472.6 400.7 396.2 469.9 470.4 389.4 382.2 379.3	1101
01N/14W-06D01	5	19	714.0	12/14/72 4/27/73	203.2 203.5	510.8 510.5	1200	01N/14W-09H01	5	19	644.9	10/30/72 11/27/72 12/27/72 1/24/73 2/21/73 3/16/73 4/13/73 5/18/73 6/15/73 7/13/73 8/10/73 9/06/73	183.3 180.3 177.1(5) 176.3(5) 175.6(5) 174.0(5) 175.4(5) 178.1(5) 178.4(5) 184.4(5)	461.6 464.4 467.8 468.6 469.3 470.9 466.5 466.8 466.5 461.9	1101
01N/14W-06002	5	19	712.0	12/14/72 4/27/73	198.9 199.4	513.1 512.6	1200								
01N/14W-06003	5	19	713.3	12/14/72 4/27/73	200.0 201.5	513.3 511.8	1200								
01N/14W-06801	5	19	713.3	12/14/72 4/27/73	204.6 204.6	508.7 508.7	1200								
01N/14W-06805	5	19	710.0	12/14/72 4/27/73	201.1 202.2	508.9 507.8	1200								
01N/14W-07401	5	19	699.0	12/14/72 4/27/73	195.2 194.3	503.8 504.7	1200								
01N/14W-07602	5	19	691.6	10/17/72 11/14/72 12/19/72 1/16/73 2/13/73	189.3 186.5 184.4 183.8 182.5	502.3 505.1 507.2 507.8 509.1	1200								

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GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA								LA-SAN GARRIFL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							
U-05 U-05.R U-05.R1								U-05 U-05.R U-05.R1							
01N/14W-09M01 5 19			646.3	8/10/73 9/06/73	186.9(5) 204.1(1)	459.4 442.2	1101	01N/14W-16F01 <			616.0	4/27/73	NM-1		1200
01N/14W-09M04 5 19			637.9	10/30/72 11/27/72 12/27/72 1/19/73 2/21/73 3/21/73 4/20/73 5/18/73 6/15/73 7/13/73 8/10/73 9/17/73	177.5(5) 173.1(5) 170.4(5) 170.8(5) 170.4(5) 169.9(5) 173.4(5) 174.4(5) 247.9(1) 253.8(1) 253.0(1) 185.5(5)	460.4 464.8 467.5 467.1 467.5 468.0 464.5 463.5 390.0 384.1 384.9 452.4	1101	01N/14W-16P04 <			593.0	10/27/72 4/24/73	DRY DRY		1200
01N/14W-18L02 <								01N/14W-18L02 <			641.9	10/17/72 11/28/72 12/19/72 1/19/73 2/20/73 3/23/73 4/20/73 5/22/73 6/19/73 7/24/73 8/21/73 9/18/73	144.1 142.5 142.2 142.0 140.8 140.3 140.4 141.4 142.4 143.7 144.0 143.5	497.8 499.4 499.7 499.9 501.1 501.6 501.5 500.5 499.5 498.2 497.9 498.4	1200
01N/14W-09J01 5			628.0	10/20/72 11/22/72 4/12/73	DRY DRY DRY		1101	01N/14W-19A05 <			611.1	11/30/72 4/20/73	107.1 106.5	504.0 504.6	1200
01N/14W-09K02 5 19			631.5	10/30/72 11/27/72 12/27/72 1/19/73 2/21/73 3/16/73 4/13/73 5/18/73 6/20/73 7/13/73 8/10/73 9/27/73	179.0(5) 166.7(5) 167.2(5) 165.8(5) 160.1(5) 158.7(5) 164.6(5) 167.6(5) 174.2(5) 195.5(1) 177.5(5) 182.0(5)	452.5 464.8 464.3 465.7 471.4 472.8 466.9 463.9 457.3 435.5 453.5 449.0	1101	01N/14W-19R03 <			627.8	10/17/72 11/28/72 12/19/72 1/19/73 2/20/73 3/23/73 4/20/73 5/22/73 6/19/73 7/24/73 8/21/73 9/18/73	129.1 128.1 127.4 127.8 127.0 126.4 126.4 127.3 127.3 128.2 128.4 128.2	498.7 499.7 500.0 500.0 500.4 501.4 501.4 500.5 499.4 499.4 499.6	1200
01N/14W-09I04 5 19			650.5	10/30/72 11/27/72 12/27/72 1/20/73 2/25/73 3/18/73 4/13/73 5/16/73 6/15/73 7/13/73 8/10/73 9/06/73	182.2(5) 178.3(5) 178.6(5) 176.8(5) 170.2(5) 167.0(5) 180.4(5) 207.5(1) 211.6(1) 219.5(1) 222.3(1) 221.3(1)	468.3 472.2 471.9 473.7 480.3 483.5 470.1 443.0 438.9 431.0 428.2 429.2	1101	01N/14W-19P01 <			639.1	11/30/72 4/20/73	123.9 123.1	515.2 516.0	1200
01N/14W-11001 5			555.0	10/30/72 11/27/72 12/27/72 1/26/73 2/23/73 3/16/73 4/25/73 5/23/73 6/20/73 7/13/73 8/16/73 9/13/73	123.7(5) 127.3(5) 176.5(1) 177.5(1) 123.5(5) 122.5(5) 125.5(5) 121.3(5) 121.4(5) 122.6(5) 127.2(5) 178.7(1)	431.3 427.7 378.5 377.5 431.5 432.5 429.5 433.7 433.6 432.4 428.1 376.6	1101	01N/14W-20F02 <			594.1	10/17/72 11/14/72 12/19/72 1/16/73 2/13/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	160.8 159.7 158.6 158.9 157.9 156.0 156.6 156.9 157.1 157.3 158.5 158.6	433.3 434.4 435.5 435.2 436.2 438.1 437.5 437.2 437.0 436.8 435.6 435.5	1200
01N/14W-21M03 < 19								01N/14W-21M03 < 19			559.0	11/15/72 4/10/73	6.6 6.9	552.4 552.1	1101
01N/14W-22M03 < 19								01N/14W-22M03 < 19			535.6	11/15/72 4/10/73	191.3 176.5	344.3 359.1	1101
01N/14W-12M02 5 19			620.2	11/22/72 4/12/73	197.9 196.8	423.3 423.4	1101	01N/14W-23A03 < 19			480.6	10/31/72 11/30/72 12/29/72 1/31/73	207.7 NM-3 NM-3 NM-3		1200
01N/14W-13P01 5 19			488.6	7/10/73 8/07/73 9/11/73	242.7(1) 253.7(1) 260.7(1)	245.9 234.9 227.9	1101	01N/14W-23J05 < 19			503.0	10/26/72 11/29/72 12/27/72 1/26/73 2/21/73 3/29/73 4/24/73 5/29/73 6/28/73 7/24/73 8/30/73 9/25/73	66.7 65.4 64.4 65.3 65.7 65.2 64.8 64.8 64.1 65.4 66.9 70.9	436.3 437.6 438.6 437.7 437.3 437.8 438.2 439.2 438.9 437.6 436.1 432.1	1200
01N/14W-13R02 5 19			479.0	10/03/72 11/07/72 12/05/72 1/16/73 2/20/73 3/20/73 4/03/73 5/01/73 6/05/73	257.9(1) 253.9(1) 249.9(1) 237.9(1) 233.9(1) 233.9(1) 232.9(1) 203.9(5) 234.9(1)	221.1 225.1 229.1 241.1 245.1 245.1 246.1 275.1 244.1	1101	01N/14W-23L01 <			487.6	10/03/72 11/14/72 12/12/72 1/09/73 2/27/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	105.2 DRY DRY 103.0 101.8 102.4 103.0 102.3 92.8 DRY 152.9 92.1	382.4 384.6 385.8 385.2 384.6 385.3 394.4 334.7 395.5	1200
01N/14W-14R08 5 19			559.0	11/27/72 12/27/72 1/19/73 2/16/73 3/16/73 4/13/73 5/23/73 6/20/73 7/13/73 8/16/73 9/13/73	125.7(5) 208.7(1) 210.7(1) 211.0(1) 121.7(5) 208.0(1) 118.8(5) 117.5(5) 117.4(5) 123.1(5) 200.2(1)	433.3 350.3 368.3 368.0 437.3 351.0 440.2 441.5 440.3 434.6 357.5	1101	01N/14W-23M02 < 19			512.0	10/26/72 11/29/72 12/27/72 1/26/73 2/21/73 3/29/73 4/27/73 5/29/73 6/28/73 7/24/73 8/30/73 9/25/73	167.7 166.6 169.3 168.5 168.2 160.7 157.1 154.4 152.1 162.0 168.4 171.7	344.3 343.4 342.7 343.5 343.8 351.3 354.9 357.6 359.9 350.0 343.6 340.3	1200
01N/14W-14F05 5 19			545.9	10/06/72 11/02/72 12/08/72 1/03/73 2/02/73 3/05/73 4/13/73 5/03/73 6/05/73 8/01/73 9/13/73	118.1 116.5 115.3 115.1 114.6 113.3 114.1 113.8 109.3 109.9 116.1	427.8 429.4 430.6 430.8 431.3 432.6 431.8 432.1 436.6 436.0 429.8	1101	01N/14W-16001 5			625.0	10/27/72 4/24/73	DRY DRY		1200
01N/14W-24005 <								01N/14W-24005 <				10/31/72	NM-1		1200

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRD UNIT SAN FERNANDO HYDRD SUBUNIT SAN FERNANDO HYDRD SUBAREA							U-05 U-05.B U-05.B1	LA-SAN GABRIEL RIVER HYDRD UNIT SAN FERNANDO HYDRD SUBUNIT SAN FERNANDO HYDRD SUBAREA							U-05 U-05.B U-05.B1
01N/14W-24005 S (CONTINUED)				11/30/72 12/29/72 1/31/73 3/30/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1		1200	01N/15W-07F01 S 19 (CONTINUED)			724.4	11/21/72 12/13/72 1/17/73 2/22/73 3/16/73 4/12/73 5/16/73 6/15/73 7/13/73 8/16/73 9/13/73	96.3 96.5 97.0 96.5 96.2 96.1 95.9 95.5 95.2 95.3 95.6	628.5 628.3 627.4 628.3 628.6 628.7 628.4 629.3 629.6 624.5 629.2	1200
01N/14W-24F07 S 19		476.7		10/17/72 11/14/72 12/12/72 1/16/73 2/13/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	213.1 206.0 200.9 194.3 190.4 188.0 186.0 193.0 195.9 198.3 206.5 213.6	263.6 270.7 275.8 282.4 286.3 288.7 290.7 293.7 280.8 278.4 270.2 263.1	1200	01N/15W-07F02 S 19		718.0	11/29/72 4/19/73	105.1 104.6	612.9 613.4	1200	
01N/14W-24H01 S 19		461.0		10/17/72 11/21/72 12/12/72 1/16/73 2/13/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	213.1 201.8 196.8 189.7 188.2 186.4 188.6 190.9 191.6 201.8 210.2 217.3	247.9 259.2 264.2 271.3 272.8 274.6 272.4 270.1 269.4 259.2 250.8 243.7	1200	01N/15W-07001 S		705.0	11/29/72 4/19/73	NM-3 NM-6		1200	
01N/14W-24H03 S 19		462.0		12/29/72 1/31/73 2/28/73	192.7 186.7 184.2	269.3 275.3 277.8	1200	01N/15W-08P01 S		700.4	10/27/72 11/30/72 12/21/72 1/29/73 2/23/73 3/23/73 4/20/73 5/25/73 6/22/73 7/26/73 8/21/73 9/21/73	116.9 117.3 117.3 117.5 117.7 117.5 117.6 117.4 117.4 117.3 117.4 117.5	583.5 583.1 583.1 582.9 582.7 582.9 582.4 583.0 583.1 583.0 582.4	1200	
01N/14W-27F02 S		525.8		10/27/72 4/24/73	37.8 36.3	488.0 489.5	1200	01N/15W-09P02 S		689.8	10/27/72 11/30/72 12/21/72 1/29/73 2/23/73 3/23/73 4/20/73 5/25/73 6/22/73 7/26/73 8/21/73 9/21/73	84.7 79.3 77.5 58.6 36.7 32.4 31.4 34.7 35.5 6.2(6) 7.5(6) 8.7(6)	605.1 610.5 612.3 631.2 653.1 657.4 654.4 654.1 654.7 683.8 682.3 681.1	1200	
01N/14W-28R01 S 19		544.3		12/27/72 1/26/73 2/21/73 3/29/73 4/24/73 5/24/73 6/28/73	164.5 163.4 158.7 157.1 157.1 157.6 157.4	379.8 380.9 385.6 387.2 387.2 386.7 386.9	1200	01N/15W-10H02 S		707.2	10/27/72 11/30/72 12/21/72 1/29/73 2/23/73 3/23/73 4/20/73 5/25/73 6/22/73 7/26/73 8/21/73 9/21/73	161.9 161.7 161.6 161.4 161.2 161.0 160.8 162.5 162.1 162.7 163.3 162.6	545.1 545.5 545.5 545.8 546.0 546.2 546.4 544.7 545.1 544.5 543.4 544.4	1200	
01N/14W-28R01 S 19		768.0		11/22/72 4/10/73	101.5 101.5	666.5 666.5	1101	01N/15W-11R04 S		673.7	10/06/72 11/02/72 12/05/72 1/03/73 2/02/73 3/05/73 4/13/73 5/03/73 6/29/73 8/01/73 9/13/73	141.7 142.0 143.2 141.4 141.1 140.7 140.5 140.6 141.7 142.7 143.7	532.0 531.7 530.5 532.3 532.6 533.0 533.2 533.1 532.0 531.0 530.4	1101	
01N/15W-01K01 S 19		725.6		12/08/72 4/27/73	193.8 194.4	531.8 529.2	1200	01N/15W-14E01 S		687.6	11/30/72 4/20/73	139.3 138.5	548.4 549.1	1200	
01N/15W-01P04 S		719.0		12/08/72 4/26/73	NM-7 NM-7		1200	01N/15W-14J01 S		668.1	10/17/72 11/14/72 12/19/72 1/16/73 2/11/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/11/73	132.3 131.1 130.9 131.0 130.1 129.7 130.1 131.8 132.7 132.4 133.1 133.2 133.4	535.8 537.0 537.2 537.1 538.0 538.4 538.0 536.3 536.1 535.0 534.9 534.7	1200	
01N/15W-01002 S 19		721.2		12/08/72 4/27/73	192.4 192.8	528.8 528.4	1200	01N/15W-15A02 S		679.3	10/27/72 11/30/72 12/21/72 1/29/73 2/23/73 3/23/73 4/20/73 5/25/73 6/22/73 7/26/73 8/21/73 9/21/73	132.2 131.8 131.8 127.5 131.3 131.0 130.9 132.7 132.4 133.3 134.0 132.9	547.1 547.5 547.5 551.8 548.0 548.3 548.4 546.6 546.9 546.0 545.3 546.4	1200	
01N/15W-01003 S 19		720.0		12/08/72 4/27/73	194.0 194.1	526.0 525.9	1200	01N/15W-15J02 S		667.1	11/30/72 4/20/73	115.2 114.2	551.9 552.9	1200	
01N/15W-01004 S 19		719.9		12/08/72 4/27/73	183.3 194.5	536.6 525.4	1200	01N/15W-16H04 S 19		678.2	11/30/72	110.0	568.2	1200	
01N/15W-02P01 S 19		723.9		12/08/72 4/26/73	184.9 186.4	539.0 537.5	1200								
01N/15W-04P01 S 19		729.6		10/27/72 11/30/72 12/21/72 1/26/73 2/23/73 3/23/73 4/20/73 5/25/73 6/22/73 7/26/73 8/23/73 9/31/73	161.2 161.1 161.1 161.3 161.4 161.2 160.9 161.2 161.3 161.0 160.9 161.2	568.4 568.5 568.5 568.3 568.2 568.4 568.7 568.4 568.3 568.6 568.7 568.4	1200								
01N/15W-06N01 S		743.0		10/18/72 11/17/72 12/13/72 1/17/73 2/22/73 3/16/73 4/12/73 5/16/73 6/15/73 7/13/73 8/16/73 9/13/73	137.0 137.5 137.7 138.2 138.5 138.6 138.6 138.6 137.4 138.2 138.1 137.7	606.0 605.5 605.3 604.8 604.5 604.4 604.4 604.4 605.6 604.8 604.9 605.3	1200								
01N/15W-07002 S		740.1		6/28/73	DRY		1101								
01N/15W-07E01 S 19		724.8		10/18/72	96.1	628.7	1200								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.8 U-05.81	LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.8 U-05.81
01N/15W-16H04	S	19	678.2	4/20/73	111.9	566.3	1200	01N/16W-03G03	S	19	738.7	4/11/73	11.9	726.4	1101
01N/15W-17N02	S	19	688.0	11/15/72 4/11/73	10.1 7.3	677.9 680.7	1101	01N/16W-03G04	S	19	742.9	10/11/72 11/20/72 12/13/72 1/17/73 2/22/73 3/19/73 4/11/73 5/16/73 6/15/73 7/13/73 8/16/73 9/13/73	17.3 18.9 20.8 19.3 16.1 15.5 15.3 15.2 15.3 15.5 15.8 25.6	725.6 724.0 722.1 723.6 726.8 727.4 727.6 727.7 727.6 727.4 727.1 717.3	1200
01N/15W-18N01	S		717.1	10/18/72 11/17/72 12/13/72 1/17/73 2/22/73 3/16/73 4/12/73 5/16/73 6/15/73 7/13/73 8/16/73 9/13/73	11.5 11.6 11.5 11.3 10.3 10.3 10.3 10.2 10.4 10.4 10.6 10.4	705.6 705.5 705.6 705.8 706.8 706.8 706.8 706.9 706.7 706.7 706.5 706.7	1200	01N/16W-03D03	S	19	737.5	1/17/73 2/22/73 3/19/73 4/11/73 5/16/73 6/14/73 7/13/73 8/16/73	28.6 26.1 25.4 25.3 25.1 25.1 25.2 25.4	708.4 711.4 712.1 712.2 712.4 712.4 712.7 712.1	1200
01N/15W-21A02	S		659.3	10/27/72 11/30/72 12/21/72 1/29/73 2/23/73 3/23/73 4/20/73 5/25/73 6/22/73 7/26/73 8/23/73 9/21/73	83.9 84.1 83.9 84.0 84.0 83.8 83.9 84.3 85.1 84.6 84.7 84.9	575.4 575.2 575.4 575.3 575.5 575.5 575.4 575.0 574.2 574.7 574.6 574.4	1200	01N/16W-03P01	S	19	732.1	10/18/72 11/20/72 12/13/72 1/17/73 2/22/73 3/16/73 4/11/73 5/16/73 6/14/73 7/13/73 8/16/73 9/13/73	31.3 32.1 32.0 32.1 30.5 29.9 29.6 29.3 29.2 29.3 30.5 32.0	700.8 700.0 700.1 700.0 701.6 702.2 702.5 702.8 702.9 702.8 701.6 700.1	1200
01N/15W-23A01	S		652.4	11/30/72 4/20/73	115.9 114.5	536.5 537.9	1200	01N/16W-04N01	S		771.5	10/11/72 11/21/72 12/14/72 1/19/73 2/22/73 3/19/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/19/73	DRY DRY DRY DRY 7.8 7.5 7.5 7.8 DRY DRY DRY DRY	763.2 763.5 763.5 763.2	1200
01N/15W-23D01	S		651.9	10/06/72 11/02/72 12/08/72 1/03/73 2/02/73 3/05/73 4/13/73 5/03/73 6/29/73 8/01/73 9/13/73	99.2 98.0 97.3 97.6 97.2 96.9 96.8 97.3 97.9 98.5 98.9	552.7 553.9 554.6 554.3 554.7 555.0 555.1 554.6 554.0 553.4 553.0	1101	01N/16W-04F01	S		778.0	10/11/72 11/21/72 12/14/72 1/19/73 2/22/73 3/19/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/19/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY	1200	
01N/15W-23J01	S		631.8	4/20/73	14.0	617.8	1200	01N/16W-04F02	S	19	766.0	2/22/73 3/19/73 4/19/73 5/17/73 6/20/73	10.8 10.9 10.7 10.8 11.0	755.2 755.1 755.3 755.2 755.0	1200
01N/15W-23J02	S	19	632.0	11/19/72 4/20/73	46.7 46.1	585.3 585.9	1200	01N/16W-04F01	S		758.0	10/11/72 11/21/72 12/14/72 1/18/73 2/22/73 3/19/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/19/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY	1200	
01N/15W-23P01	S		629.0	11/15/72 4/10/73	DRY DRY		1101	01N/16W-04G01	S	19	757.0	11/21/72 4/11/73	18.7 18.2	734.7 738.8	1101
01N/16W-02M01	S	19	737.8	12/14/72 1/09/73 2/04/73 3/04/73 5/11/73 7/30/73 8/29/73	16.0 18.0 15.0 15.0 14.0 11.0 2.0	721.8 719.8 722.8 722.8 723.8 726.8 735.8	1200	01N/16W-04G02	S	19	752.0	10/11/72 11/17/72 12/13/72 1/17/73 2/22/73 3/19/73 4/19/73 5/17/73 6/20/73	13.9 14.0 13.4 14.2 12.9 10.5 10.5 10.6 10.8 11.8 12.4 12.8	738.0 738.0 738.6 737.8 739.1 741.5 741.5 741.4 741.2 740.2 739.6 739.2	1200
01N/16W-02Q01	S		728.4	10/06/72 11/02/72 12/08/72 1/03/73 2/08/73 3/06/73 4/05/73 5/04/73 7/03/73 8/07/73 9/07/73	26.7 27.4 27.1 29.5 27.1 26.1 25.7 25.5 25.6 25.9 26.9	701.7 701.0 701.3 698.9 701.3 702.3 702.7 702.9 702.8 702.5 701.5	1101	01N/16W-04N01	S		761.5	10/11/72 11/21/72 12/13/72 1/17/73	16.2 16.2 15.2 14.9	745.3 745.3 746.3 746.6	1200
01N/16W-03R01	S	19	739.1	10/06/72 11/02/72 12/08/72 2/08/73 3/06/73 4/05/73 5/04/73 7/03/73 8/07/73 9/07/73	14.4 14.7 13.2 12.8 11.7 11.3 11.5 11.9 12.3 13.2	724.7 724.4 725.9 726.3 727.4 727.8 727.6 727.2 726.8 725.9	1101	01N/16W-03G02	S		735.8	11/15/72 4/11/73	DRY 19.6	1101	
01N/16W-03N01	S	19	753.0	10/11/72 11/20/72 12/13/72 1/17/73 2/23/73 3/20/73 4/19/73 5/17/73 6/14/73 7/13/73 8/15/73 9/13/73	7.7 8.5 8.1 8.0 7.4 7.0 6.7 6.6 6.3 6.9 7.4 7.7	745.3 744.5 744.9 745.0 745.6 746.0 746.3 746.4 746.7 746.1 745.6 745.3	1200	01N/16W-03G03	S	19	738.7	11/15/72	15.1	723.6	1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							
								U-05 U-05.B U-05.A1							
01N/16W-04M01 5 (CONTINUED)			761.5	2/22/73 3/19/73 4/11/73 5/17/73 6/14/73 7/19/73 8/15/73 9/13/73	12.9 12.5 12.4 12.6 13.0 13.7 14.3 14.7	748.6 749.0 749.1 748.9 748.5 747.8 747.2 746.8	1200	01N/16W-06G02 5 (CONTINUED)			791.6	3/15/73 4/13/73 5/17/73 7/12/73 8/15/73	21.4 21.3 21.3 21.5 21.8	770.2 770.3 770.3 770.1 769.4	1200
01N/16W-04001 5 19			747.0	11/21/72 4/11/73	15.9 15.3	731.1 731.7	1101	01N/16W-06G04 5 19			793.5	12/14/72 1/04/73 2/04/73 3/04/73 5/11/73 7/31/73 8/20/73	15.0 14.0 15.0 15.0 15.0 14.0 14.0	778.5 779.5 778.5 778.5 779.5 779.5	1200
01N/16W-04901 5			741.0	10/18/72 11/17/72 12/13/72 1/17/73 2/22/73 3/20/73 4/11/73 5/16/73 6/14/73 7/19/73 8/16/73 9/13/73	17.0 17.5 17.3 17.1 15.0 14.4 14.2 15.0 14.7 15.1 15.5 17.0	724.0 723.5 723.7 723.9 726.0 726.6 726.8 726.0 726.3 725.9 725.5 724.0	1200	01N/16W-09001 5			757.0	10/11/72 11/17/72 12/14/72 1/17/73 2/22/73 3/19/73 4/11/73 5/16/73 6/14/73 7/19/73 8/15/73 9/13/73	18.1 18.0 17.9 17.9 16.8 16.2 16.2 16.3 16.6 17.0 17.2 17.5	738.9 739.0 739.1 739.1 740.4 740.4 740.8 740.7 740.4 740.0 739.4 739.5	1200
01N/16W-05D01 5			790.0	10/11/72 11/17/72 12/14/72 1/19/73 2/22/73 3/15/73 4/13/73 5/17/73 6/14/73 7/12/73 8/15/73 9/14/73	DPY DPY DPY DPY DPY DPY DPY DPY DPY DPY DPY DPY	1200	01N/16W-12L02 5 19			717.1	10/06/72 11/02/72 12/08/72 2/08/73 3/06/73 4/05/73 5/04/73 7/03/73 8/07/73 9/07/73	29.8 29.7 29.3 29.0 29.0 29.1 29.4 29.6 29.6 29.8	687.4 687.4 687.7 688.1 688.1 688.1 687.7 687.5 687.5 687.3	1101	
01N/16W-05F01 5			784.0	10/11/72 11/15/72 12/14/72 1/19/73 2/22/73 3/15/73 4/13/73 5/17/73 6/14/73 7/12/73 8/15/73 9/14/73	DPY DPY DPY DPY DPY DPY DPY DPY DPY DPY DPY DPY	1200	01N/16W-15F01 5 56			788.2	1/04/73 2/04/73 3/04/73 7/30/73 8/21/73	18.2 19.2 19.2 19.2 15.2	770.0 769.0 769.0 769.0 773.0	1200	
01N/16W-05F02 5			777.2	10/11/72 11/15/72 12/13/72 1/17/73 2/22/73 3/15/73 4/11/73 5/17/73 6/14/73 7/12/73 8/15/73 9/14/73	DPY DPY DPY DPY DPY DPY DPY DPY DPY DPY DPY DPY	1200	01N/16W-15N02 5 19			860.0	11/15/72 4/11/73 7/11/73	20.4 19.2 19.0	839.8 840.0 841.0	1101	
01N/16W-05F07 5 19			775.0	12/15/72 4/11/73 7/11/73	16.0 16.3 14.9	759.0 758.7 760.1	1101	01N/16W-16G05 5			788.5	10/11/72 11/15/72 12/14/72 1/19/73 2/22/73 3/15/73 4/13/73 5/17/73 6/14/73 7/12/73 8/15/73 9/14/73	14.2 14.1 13.5 14.5 13.3 12.9 12.8 12.7 12.8 13.1 13.3 14.4	774.4 774.4 775.7 774.1 774.2 775.6 775.7 776.4 775.7 775.4 775.2 774.1	1200
01N/16W-05K01 5			772.0	10/11/72 11/17/72 12/13/72 1/17/73 2/22/73 3/19/73 4/11/73 5/17/73 6/14/73 7/19/73 8/15/73 9/13/73	20.5 20.3 19.8 19.6 18.4 17.8 17.5 17.8 18.2 19.0 19.5 19.7	751.5 751.7 752.2 752.4 753.6 754.2 754.5 754.2 753.8 753.0 752.5 752.3	1200	01N/16W-18F01 5			867.0	1/19/73 3/20/73 4/13/73 5/17/73 6/14/73 7/19/73 8/15/73 9/18/73	12.4 12.0 12.2 12.3 12.2 12.3 12.4 12.4	854.6 854.0 854.4 854.7 854.4 854.7 854.6 854.6	1200
01N/16W-05K01 5			780.0	10/11/72 11/15/72 12/14/72 1/19/73 2/22/73 3/15/73 4/13/73 5/17/73 6/14/73 7/12/73 8/15/73 9/14/73	17.2 16.7 16.2 16.0 14.5 14.3 14.6 15.0 15.4 16.0 16.4 16.6	762.8 763.3 763.8 764.0 765.5 765.7 765.4 765.0 764.6 764.0 763.6 763.4	1200	01N/17W-01G02 5 19			801.9	11/21/72 4/11/73	15.1 14.8	786.4 787.1	1101
01N/16W-05M01 5			768.0	11/30/72 4/19/73	18.1 17.5	749.9 750.5	1200	01N/17W-01J02 5 19			798.0	10/06/72 11/09/72 12/12/72 1/03/73 3/06/73 4/05/73 5/04/73 7/03/73 8/07/73 9/07/73	12.9 12.7 12.6 12.5 12.3 11.8 12.0 12.3 12.3 11.6	785.1 785.3 785.4 785.4 785.7 786.2 786.0 785.7 785.7 786.4	1101
01N/16W-05002 5			768.0	11/30/72 4/19/73	18.1 17.5	749.9 750.5	1200	01N/17W-03N03 5			898.0	11/21/72 4/11/73	44.5 41.6	853.5 856.4	1101
01N/16W-06G02 5			791.6	10/11/72 11/15/72 12/14/72 1/19/73 2/22/73	22.1 22.5 22.3 22.6 21.6	769.5 769.1 769.3 769.0 770.0	1200	01N/17W-03P01 5			870.0	11/21/72 4/11/73	27.3 25.0	842.7 845.0	1101
								01N/17W-11F04 5 19			842.0	11/21/72 4/11/73	26.1 25.2	815.9 816.8	1101
								01N/17W-11G04 5			833.0	11/21/72 4/11/73	24.8 23.9	808.2 809.1	1101
								01N/17W-12N01 5			844.6	5/17/73 6/14/73 7/19/73 8/15/73 9/18/73	28.4 29.5 28.9 29.2 29.2	816.2 815.1 815.7 815.4 815.4	1200
								01N/17W-13L01 5			871.8	11/21/72	14.5	857.3	1101

See page 79 for key to terms & abbreviations





TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.A U-05.B1	LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.A U-05.B1
02N/15W-21001 S (CONTINUED)			878.9	2/22/73 3/22/73 4/20/73 5/25/73 6/22/73 7/26/73 8/23/73 9/21/73	307.8 307.8 307.6 305.4 304.6 303.9 303.6 303.7	571.1 571.1 571.3 573.5 574.3 575.0 575.3 575.2	1200	02N/14W-20P01 S (CONTINUED)			867.0	4/11/73 5/17/73 6/09/73 7/12/73 8/15/73 9/13/73	74.5 78.1 75.7 70.9 70.9 71.4	792.5 788.9 791.3 796.1 796.1 795.6	1200 1101 1200
02N/15W-22A01 S			908.5	10/06/72 11/02/72 12/05/72 1/03/73 2/01/73 3/07/73 4/03/73 5/03/73 6/01/73 7/09/73 8/02/73 9/04/73	348.7 349.2 349.7 349.7 350.4 350.5 351.0 348.7 353.8 347.4 346.9 347.4	559.8 559.3 558.8 558.8 558.1 558.0 557.5 559.8 554.7 561.1 561.6 561.1	1101	02N/14W-21P02 S			773.7	10/18/72 11/20/72 12/13/72 1/18/73 2/22/73 3/15/73 4/17/73 5/16/73 6/14/73	FLOW FLOW NM-1 FLOW FLOW FLOW FLOW FLOW FLOW	1200	
02N/15W-24A01 S			929.6	3/27/73	DRY		1101	02N/14W-25P01 S			782.7	10/18/72 11/15/72 12/14/72 1/18/73 2/22/73 3/15/73 4/17/73 5/16/73 6/14/73	73.6 73.7 73.8 73.9 74.0 74.1 74.0 74.2 74.0 74.5	709.1 709.0 708.9 708.8 708.7 708.7 708.7 708.7 708.7 708.7	1101 1200
02N/15W-24P02 S			920.7	3/27/73	OPY		1101	02N/14W-27F01 S			793.4	10/06/72 11/02/72 12/08/72 1/03/73 2/08/73 3/06/73 4/05/73 5/04/73 7/03/73 8/07/73 9/07/73	15.2 14.8 15.3 16.0 14.9 13.5 13.7 13.7 14.2 13.2 15.4	778.2 778.2 778.1 777.4 778.5 779.9 779.7 779.7 779.2 780.1 781.1	1101
02N/15W-24H01 S 19			918.9	10/27/72 11/15/72 12/29/72 1/26/73 2/22/73 3/22/73 4/16/73 5/24/73 6/28/73 7/26/73 8/23/73 9/20/73	258.5 260.6 262.9 264.5 264.9 210.8 219.3 209.9 220.7 237.3 230.9 214.0	660.4 658.3 656.0 654.4 654.0 708.1 699.6 709.0 698.2 681.6 688.0 704.9	1200 1101 1200	02N/14W-27F02 S 19			793.5	10/06/72 11/02/72 12/08/72 1/03/73 2/08/73 3/06/73 4/05/73 5/04/73 7/03/73 8/07/73 9/07/73	15.2 14.8 15.3 16.0 14.9 13.5 13.7 13.7 14.2 13.2 15.4	778.2 778.2 778.1 777.4 778.5 779.9 779.7 779.7 779.2 780.1 781.1	1101
02N/15W-24H02 S			916.4	3/27/73	DRY		1101	02N/14W-27F03 S 19			801.9	10/18/72 11/20/72 1/18/73 2/22/73 3/15/73 4/16/73 5/16/73 6/13/73 7/19/73 8/16/73	20.4 22.1 22.6 20.1 19.9 19.9 19.9 20.1 20.4 20.5	781.0 779.4 779.3 781.0 782.0 782.0 782.0 781.0 781.5 781.4	1200
02N/15W-24J01 S 19			901.0	2/02/73 4/17/73	350.1 306.0	550.9 595.0	1101	02N/14W-27F02 S 19			1300.0 792.2	11/15/72 4/11/73	DRY 13.2	776.0	1101
02N/15W-25I01 S 19			832.0	7/21/73 4/26/73 5/24/73 6/28/73 7/26/73 8/24/73	285.0(5) 282.0(5) 283.0(5) 282.0(5) 280.0(5) 284.0(5)	547.0 550.0 549.0 550.0 552.0 548.0	1200	02N/14W-27F03 S 19			794.0	12/14/72 1/04/73 2/04/73 3/04/73 5/24/73 7/30/73 8/20/73	15.0 15.0 13.0 13.0 13.0 14.0 9.0	779.0 779.0 791.0 781.0 781.0 780.0 785.0	1200
02N/15W-25P01 S 19			817.0	10/24/72 11/21/72 12/19/72 1/16/73 2/13/73 3/13/73 4/17/73 5/15/73 6/19/73 7/17/73 8/14/73 9/18/73	274.1 274.4 274.3 274.3 274.5 274.1 272.8 271.9 271.1 271.6 272.2 272.8	542.9 542.6 542.7 542.7 542.5 542.9 544.2 545.1 545.9 545.4 544.8 544.2	1200	02N/14W-27G02 S 19			795.9	11/15/72 4/11/73	12.1 13.1	783.8 782.8	1101
02N/15W-27J01 S			818.2	10/27/72 11/29/72 12/21/72 1/29/73 2/22/73 3/22/73 4/20/73 5/25/73 6/22/73 7/26/73 8/23/73 9/20/73	262.6 261.8 262.7 263.0 263.2 263.0 262.4 262.0 261.6 261.1 261.5 261.7	555.6 556.4 555.5 555.2 555.0 555.2 555.8 556.2 556.6 557.1 556.7 556.5	1200	02N/14W-27G03 S 19			803.0	12/14/72 1/04/73 2/04/73 3/04/73 5/24/73 7/30/73 8/20/73	9.0 9.0 10.0 9.0 10.0 9.0 10.0	794.0 794.0 793.0 794.0 793.0 794.0 793.0	1200
02N/15W-28C01 S			837.2	11/22/72 4/12/73	DRY DRY		1101	02N/14W-27H01 S 19			783.3	10/11/72 11/17/72 12/14/72 1/18/73 2/22/73 3/15/73 4/16/73 5/17/73 6/13/73 7/13/73 8/15/73 9/13/73	8.5 8.4 8.0 8.0 7.6 7.3 6.7 7.2 7.4 7.7 8.0 8.3	774.8 774.9 775.3 775.3 775.7 776.0 776.6 776.1 775.4 775.4 775.3 775.0	1200
02N/15W-29E01 S 19			817.0	10/18/72 11/16/72 12/14/72 1/18/73 2/22/73 3/16/73 4/12/73 5/17/73 6/13/73 7/12/73 8/15/73 9/13/73	218.2 218.2 218.2 218.3 218.3 218.6 218.5 218.3 218.1 217.8 217.5 217.5	598.8 598.8 598.8 598.7 598.7 598.4 598.5 598.7 598.9 599.2 599.5 599.5	1200	02N/14W-27L01 S 19			773.7	7/13/73 8/15/73 9/13/73	FLOW FLOW NM-1	1200	
02N/16W-07001 S 19			1017.0	11/22/72 4/12/73	57.5 45.5	959.5 971.5	1101	02N/16W-27P02 S			773.3	10/06/72 11/02/72 12/08/72 2/08/73 3/06/73 4/05/73 5/04/73	12.3 12.2 11.9 11.2 11.0 11.0 11.1	761.0 761.1 761.4 762.1 762.3 762.3 762.2	1101
02N/16W-20P01 S			867.0	10/18/72 11/16/72 12/13/72 1/17/73 2/23/73 3/15/73	70.3 71.8 73.0 73.8 73.1 74.5	796.7 795.2 794.0 793.2 793.9 792.5	1200	02N/16W-27P03 S 19			773.3	10/06/72 11/02/72 12/08/72 2/08/73 3/06/73 4/05/73 5/04/73	12.3 12.2 11.9 11.2 11.0 11.0 11.1	761.0 761.1 761.4 762.1 762.3 762.3 762.2	1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	
LA-SAN GARRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA								LA-SAN GARRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA								
U-05 U-05.B U-05.81								U-05 U-05.A U-05.A1								
02N/16W-27P03 S 19			773.3	7/03/73 8/07/73 9/07/73	11.7 11.7 11.8	761.6 761.6 761.5	1101	02N/16W-33H01 S			772.5	6/20/73 7/13/73 8/15/73 9/14/73	NM-0 DRY DRY DRY	1200		
02N/16W-27P04 S 19			769.9	11/15/72 4/11/73	10.8 7.7	759.1 762.2	1101	02N/16W-33001 S			770.0	10/11/72 11/21/72 12/14/72 1/18/73 2/23/73 3/19/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/19/73	12.2 12.6 12.4 12.5 11.8 10.8 9.4 9.4 9.5 10.3 10.6 11.2	757.8 757.4 757.6 757.5 758.2 759.2 760.4 760.4 760.5 759.7 759.4 758.8	1200	
02N/16W-27P05 S 19			771.5	11/15/72 4/11/73	12.0 10.9	759.5 760.6	1101	02N/16W-34001 S 19			772.2	10/11/72 11/17/72 12/14/72 1/18/73 2/22/73 3/15/73 4/19/73 5/17/73 6/14/73 7/13/73 8/15/73 9/13/73	9.4 9.0 8.7 8.4 8.1 6.5 6.5 6.5 7.2 7.4 8.2 7.9	762.8 763.2 763.5 763.8 764.1 765.7 765.7 765.7 765.0 764.8 764.0 764.3	1200	
02N/16W-28R02 S 19			830.3	11/30/72 4/19/73	35.4 35.6	794.9 794.7	1200	02N/16W-34002 S 19			758.0	11/30/72 4/16/73	1.1 0.1	756.9 757.9	1200	
02N/16W-28J03 S 19			799.5	10/11/72 11/17/72 12/14/72 1/18/73 2/23/73 3/16/73 4/13/73 5/17/73 6/13/73 7/19/73 8/15/73 9/14/73	14.2 14.5 14.3 14.5 14.2 14.1 13.9 13.6 13.5 13.8 14.0 14.3	785.3 785.0 785.2 785.0 785.3 785.4 785.6 785.9 786.0 785.7 785.5 785.2	1200	02N/16W-34003 S 19			764.0 756.0	10/11/72 11/20/72 12/13/72 1/17/73 2/22/73 3/20/73 4/20/73 5/16/73 6/15/73 7/13/73 8/16/73 9/13/73	FLOW 0.0 NM-1 0.6 FLOW FLOW FLOW FLOW FLOW FLOW NM-1	756.9 756.9 756.3 756.3 756.3 756.3 756.3 756.3 756.3 756.3 756.3 756.3	1200	
02N/16W-32F01 S			805.0	10/11/72 11/17/72 12/14/72 1/19/73 2/23/73 3/17/73 4/16/73 5/17/73 6/18/73 7/12/73 8/15/73 9/14/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY		1200	02N/16W-34004 S 19			750.3	10/11/72 11/20/72 12/13/72 1/17/73 2/22/73 3/20/73 4/20/73 5/16/73 6/15/73 7/13/73 8/16/73 9/13/73	FLOW 5.2 NM-1 6.0 FLOW FLOW FLOW FLOW FLOW FLOW NM-1	745.1 745.1 744.3 744.3 744.3 744.3 744.3 744.3 744.3 744.3 744.3 744.3	1200	
02N/16W-32H01 S			800.0	10/11/72 11/21/72 12/14/72 1/18/73 2/23/73 3/16/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/14/73	DRY DRY DRY DRY 19.8 19.3 18.6 18.4 18.5 18.9 19.2 19.5	780.2 780.7 781.4 781.6 781.5 781.1 780.8 780.5	1200	02N/16W-34005 S 19			755.0	10/11/72 11/17/72 12/14/72 1/17/73 2/23/73 3/20/73 4/19/73 5/17/73 6/20/73 7/13/73 8/15/73 9/13/73	12.5 12.5 12.2 12.3 11.8 11.5 11.2 11.0 11.0 11.0 11.3 11.6	742.5 742.5 742.8 742.7 743.2 743.5 743.8 744.0 744.0 744.0 743.7 743.4	1200	
02N/16W-32N01 S			799.0	10/11/72 11/17/72 12/14/72 1/19/73 2/23/73 3/15/73 4/13/73 5/17/73 6/14/73 7/12/73 8/15/73 9/14/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY		1200	02N/16W-34006 S 19			750.0	10/11/72 11/20/72 12/13/72 1/17/73 2/22/73 3/20/73 4/16/73 5/16/73 6/15/73 7/13/73 8/15/73 9/13/73	FLOW 5.2 NM-1 6.0 FLOW FLOW FLOW FLOW FLOW FLOW FLOW NM-1	742.5 742.5 742.8 742.7 743.2 743.5 743.8 744.0 744.0 744.0 743.7 743.4	1200	
02N/16W-33G06 S			776.9	10/11/72 11/17/72 12/14/72 1/18/73 2/23/73 3/16/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/14/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY		1200	02N/17W-12R05 S 19			984.0	11/22/72 4/11/73 8/08/73	16.9 14.4 14.8	967.1 969.6 969.2	1101	
02N/16W-33G07 S 19			785.0	10/11/72 11/21/72 12/14/72 1/18/73 2/23/73 3/16/73 4/19/73 5/17/73 6/20/73 7/19/73 8/15/73 9/14/73	17.6 17.5 17.2 16.7 16.0 15.5 15.0 14.7 14.7 14.9 15.2 15.5	767.4 767.5 767.8 768.3 769.0 769.5 770.0 770.3 770.3 770.1 769.8 769.5	1200	02N/17W-12R06 S 19			979.0	11/22/72 4/11/73 8/08/73	15.8 14.6 14.5	963.2 964.6 964.5	1101	
02N/16W-33G08 S 19			779.0	11/21/72 4/11/73	15.4 13.4	763.6 765.6	1101	02N/17W-12R07 S 19			977.0	11/22/72 4/11/73 8/08/73	13.6 13.4 14.2	963.4 963.8 962.8	1101	
02N/16W-33H01 S			772.5	10/11/72 11/25/72 12/14/72 1/18/73 2/23/73 3/16/73 4/19/73 5/17/73	DRY DRY DRY DRY 8.4 DRY DRY	764.1	1200	02N/17W-13A01 S 19			970.5	9/07/73	12.8	957.7	1101	
								02N/17W-13L01 S 19			946.0	11/22/72 4/11/73	8.8 4.1	937.2 941.4	1101	
								02N/17W-14J01 S 56			1066.0	11/22/72 4/11/73	50.6 47.5	1015.4 1018.5	1101	
								02N/17W-34P01 S 19			959.2	11/21/72 4/11/73	36.3 34.7	922.9 924.5	1101	
								02N/17W-35J01 S			825.6	10/06/72 11/09/72 12/12/72 2/08/73 3/06/73 4/05/73	19.0 19.1 19.3 19.5 18.5 17.8	806.6 806.5 806.3 806.1 807.1 807.8	1101	

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.8 U-05.81	LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA							U-05 U-05.8 U-05.81
02N/17W-35J01 5 (CONTINUED)			825.6	5/04/73 7/03/73 8/07/73 9/07/73	17.9 18.3 17.8 19.3	807.7 807.3 807.8 806.3	1101	015/13W-04P03 5 19			366.8	10/27/72 11/29/72 12/27/72 1/31/73 2/23/73 3/29/73 4/27/73 5/30/73 6/26/73 7/24/73 8/29/73 9/25/73	35.1 34.8 34.7 34.4 33.5 32.9 32.7 35.7 46.2 56.1 65.4 69.6	331.7 332.0 332.1 332.4 333.3 333.9 334.1 331.1 320.6 310.7 301.4 297.2	1200
02N/17W-36R02 5 19			807.0	10/06/72 11/09/72 12/12/72 1/03/73 2/08/73 3/06/73 4/05/73 5/04/73 7/11/73 8/07/73 9/07/73	18.8 18.7 18.3 18.3 18.0 16.4 15.5 15.5 16.4 17.6 17.8	788.2 788.3 788.7 788.7 789.0 790.6 791.5 791.5 790.6 789.4 789.2	1101	015/13W-10N01 5 19			335.2	10/27/72 11/28/72 12/27/72 1/31/73 2/23/73 3/29/73 4/24/73 5/30/73 6/26/73 7/31/73 8/29/73 9/25/73	21.8 21.8 21.8 21.7 21.3 21.4 21.5 21.4 21.6 21.3 21.5 22.5	313.4 313.4 313.4 313.5 313.9 313.8 313.7 313.8 313.6 313.9 313.7 312.7	1200
03N/15W-34P01 5 19			1130.3	11/27/72 4/13/73	55.1 51.8	1075.2 1078.5	1101	015/13W-10P01 5 19			328.0	10/27/72 11/28/72 12/27/72 1/23/73 2/23/73 3/29/73 4/24/73 5/30/73 6/26/73 7/31/73 8/29/73 9/25/73	17.7 17.7 17.7 17.6 17.3 18.0 17.5 17.6 17.6 17.6 17.6 17.7 17.9	310.3 310.3 310.3 310.4 310.7 310.0 310.5 310.4 310.4 310.4 310.4 310.1	1200
03N/15W-35H01 5 19			1209.4	6/15/73	59.9	1149.5	1101	SYLMAR HYDRO SUBAREA							U-05.82
03N/15W-36E01 5			1230.8	10/04/72 11/02/72 12/05/72 1/12/73 2/01/73 3/06/73 4/03/73 5/03/73 6/01/73 7/09/73 8/02/73 9/05/73	27.9 27.9 26.5 27.0 25.9 14.8 13.7 16.6 19.2 22.4 23.7 25.5	1202.9 1202.9 1204.3 1203.8 1204.9 1216.0 1217.1 1214.2 1211.6 1208.4 1207.1 1205.3	1101	02N/15W-04R02 5 19			1130.0	10/26/72 11/22/72 12/29/72 1/26/73 2/21/73 3/29/73 4/24/73 5/24/73 6/27/73 7/26/73 8/29/73 9/26/73	52.9 50.1 46.7 44.7 54.7 61.0 66.6 68.2 70.3 70.8 71.4 72.7	1077.1 1079.9 1083.3 1085.3 1075.3 1069.0 1063.4 1061.4 1059.7 1059.2 1058.6 1057.3	1200
015/13W-04R01 5 19			409.4	11/22/72 4/05/73	68.4 74.1(14)	341.0 335.3	1101	02N/15W-04R03 5 19			1143.2	10/26/72 11/22/72 12/29/72 1/26/73 2/21/73 3/29/73 4/27/73 5/24/73 6/27/73 7/26/73 8/29/73 9/27/73	63.3 61.4 58.8 57.0 58.6 62.6 62.3 63.8 65.3 66.2 67.5 68.7	1079.4 1081.8 1084.4 1086.2 1084.6 1080.6 1080.9 1079.4 1077.9 1077.0 1075.7 1074.5	1200
015/13W-04E01 5 19			394.8	10/26/72 11/28/72 12/26/72 1/26/73 2/21/73 3/29/73 4/24/73 5/24/73 6/27/73 7/26/73 8/29/73 9/26/73	51.4 51.1 51.1 51.1 50.9 50.3 50.0 50.6 50.3 50.0 50.3 50.7	343.4 343.7 343.7 343.7 343.9 344.5 344.8 344.2 344.5 344.8 344.5 344.1	1200	02N/15W-04R09 5 19			1130.5	10/26/72 11/22/72 12/29/72 1/26/73	57.2 52.4 47.3 46.0	1073.3 1076.1 1083.2 1084.5	1200
015/13W-04J01 5 19			373.7	10/26/72 11/28/72 12/26/72 1/26/73 2/21/73 3/29/73 4/27/73 5/24/73 6/27/73 7/26/73 8/29/73 9/27/73	43.0 42.8 42.7 42.5 41.4 41.1 40.9 43.0 49.8 49.0 67.2 71.8	330.7 330.9 331.0 331.2 332.3 332.6 332.8 330.7 323.9 324.7 306.5 301.9	1200	03N/15W-20R01 5 19			1428.1	12/05/72 1/12/73 2/01/73 3/06/73 4/03/73 5/03/73 6/13/73 7/09/73	128.7 126.7 126.7 126.4 136.0 126.7 136.9(14) 134.9	1299.4 1301.4 1301.4 1301.7 1292.1 1301.4 1291.2 1293.2	1101
015/13W-04K01 5 19			381.1	10/26/72 11/28/72 12/27/72 1/31/73 2/21/73 3/29/73 4/27/73 5/29/73	49.8 49.3 49.5 49.1 48.1 48.3 47.4 48.0	331.3 331.8 331.6 332.0 333.0 332.8 333.7 333.1	1200	03N/15W-25R01 5 19			1390.8	11/22/72 12/21/72 4/12/73	224.1 225.2 216.3	1166.7 1165.6 1174.5	1101
015/13W-04L03 5 19			381.2	10/26/72 11/28/72 12/27/72 1/31/73 2/21/73 3/29/73 4/27/73 5/29/73	50.7 49.4 49.2 49.2 48.4 47.7 47.5 48.2	330.5 331.8 332.0 332.0 332.8 333.5 333.7 333.0	1200	03N/15W-27L01 5 19			1300.4	10/26/72 11/22/72 12/29/72 1/26/73 2/22/73 3/22/73 4/26/73 5/25/73 6/28/73 7/26/73 8/23/73 9/20/73	165.3 165.0 165.3 165.2 165.4 165.0 165.3 165.5 165.4 165.2 165.5	1135.1 1135.4 1135.1 1135.2 1135.0 1135.4 1135.1 1134.9 1135.0 1135.2 1134.9	1200
015/13W-04L08 5 19			366.4	10/26/72 11/28/72 12/27/72 1/31/73 2/21/73 3/29/73 4/27/73 5/29/73	34.9 34.7 34.7 34.5 33.3 32.9 32.9 33.2	331.5 331.7 331.7 331.9 333.1 333.5 333.5 333.2	1200	03N/15W-29L01 5 19			1267.1	11/22/72 4/25/73	17.5 18.6	1249.6 1248.5	1200
015/13W-04P01 5 19			367.4	11/29/72 12/27/72 1/31/73 2/29/73 3/24/73 4/24/73 5/30/73 6/26/73 7/24/73 8/29/73 9/25/73	35.8 35.3 35.5 33.9 33.9 34.0 35.9 42.3 51.9 62.9 65.5	331.6 332.1 331.9 333.5 333.5 333.4 331.5 325.1 315.5 304.5 301.9	1200	03N/15W-33E01 5 19			1188.9	10/26/72	100.1	1088.8	1200



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SYLMAR HYDRO SUBAREA								LA-SAN GARRIFL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT TUJUNGA HYDRO SUBAREA							
								U-05 U-05.B U-05.B2							
03N/15W-33E01 S 19			1188.9	11/22/72	99.4	1089.5	1200	02N/14W-10R02 S 19			1215.0	5/24/73	21.3	1193.7	1200
(CONTINUED)				12/29/72	98.0	1090.9		(CONTINUED)				6/28/73	23.0	1192.0	
				1/26/73	96.8	1092.1						7/26/73	26.3	1188.7	
				2/22/73	96.1	1092.8						8/23/73	28.5	1186.5	
				3/22/73	96.2	1092.7						9/20/73	30.3	1184.7	
				4/25/73	97.3	1091.6		02N/14W-11K01 S 19			1285.5	11/17/72	34.2	1251.3	1200
				5/25/73	98.8	1090.1					4/22/73	29.0	1256.5		
				6/28/73	99.9	1089.0		02N/14W-11N03 S 19			1242.5	11/22/72	14.1	1228.4	1101
				7/26/73	101.1	1087.8					4/12/73	4.8	1237.7		
				8/23/73	102.4	1086.5		02N/14W-11P01 S 19			1267.2	10/17/72	30.0	1237.2	1200
				9/20/73	103.3	1085.6					11/17/72	29.0	1238.2		
03N/15W-33M01 S 19			1158.4	4/12/73	75.2	1083.2	1101				12/19/72	28.1	1239.1		
03N/15W-34A01 S 19			1244.0	11/27/72	149.8	1074.2	1101				1/23/73	27.3	1239.9		
				4/13/73	171.1(4)	1072.9					2/20/73	22.6	1244.6		
03N/15W-34R01 S 19			1222.5	11/27/72	149.2	1073.3	1101				3/23/73	18.5	1248.7		
				4/13/73	NM-6						4/22/73	19.6	1247.6		
03N/15W-34C01 S 19			1237.0	11/27/72	162.9	1074.1	1101				5/24/73	22.0	1245.2		
03N/15W-34K03 S 19			1154.5	11/02/72	NM-1		1200				6/19/73	23.8	1243.4		
				4/26/73	NM-1						7/24/73	26.7	1240.5		
03N/15W-34P06 S 19			1130.3	11/22/72	54.2	1076.1	1101	02N/14W-11P02 S 19			1316.7	10/17/72	19.5	1297.2	1200
				4/13/73	51.2	1079.1					11/17/72	19.4	1297.3		
03N/15W-34P07 S 19			1125.4	11/27/72	47.2	1078.2	1101				12/19/72	19.4	1297.3		
				4/13/73	44.0	1081.4					1/23/73	19.2	1297.5		
03N/15W-34P10 S 19			1133.0	10/04/72	61.2	1071.8	1101				2/20/73	17.9	1298.4		
				11/02/72	60.4	1072.6					3/23/73	17.5	1299.2		
				12/05/72	59.4	1073.6					4/22/73	17.8	1298.9		
				1/03/73	60.5	1072.5					5/24/73	18.2	1298.5		
				2/01/73	54.4	1078.6					6/19/73	18.5	1298.2		
				3/06/73	53.9	1079.1					7/24/73	18.8	1297.9		
				4/03/73	60.2	1072.8					8/21/73	18.9	1297.8		
				5/03/73	65.0	1068.0		02N/14W-11001 S 19			1326.9	10/17/72	68.1	1258.8	1200
				6/01/73	58.5	1074.5					11/17/72	68.0	1258.9		
				7/09/73	61.2	1071.8					12/19/72	67.6	1259.3		
				8/02/73	61.9	1071.1					1/23/73	67.8	1259.1		
				9/04/73	66.5	1066.5					2/20/73	65.7	1261.2		
03N/15W-36C01 S 19			1280.5	11/15/72	48.6	1231.9	1101				3/23/73	61.7	1265.2		
				4/26/73	48.5	1232.0	1200				4/22/73	60.7	1266.2		
03N/15W-36F03 S 19			1235.0	12/14/72	21.3	1213.7	1101				5/24/73	61.7	1265.2		
				4/12/73	18.2	1216.8					6/19/73	62.7	1264.2		
TUJUNGA HYDRO SUBAREA								U-05.B3							
02N/13W-18N01 S 19			1796.2	10/17/72	332.7	1463.5	1200	02N/14W-12C02 S 19			1356.1	10/17/72	9.6	1346.5	1200
				11/17/72	332.9	1463.3					11/17/72	10.8	1345.3		
				12/19/72	333.6	1462.6					12/19/72	12.4	1343.7		
				1/23/73	334.1	1462.1					1/23/73	9.0	1347.1		
				2/20/73	334.6	1461.6					2/20/73	8.4	1347.7		
				3/23/73	334.9	1461.3					3/23/73	8.3	1347.4		
				4/22/73	334.8	1461.4					4/22/73	8.8	1347.3		
				5/24/73	335.4	1460.8					5/24/73	8.1	1348.0		
				6/19/73	336.2	1460.0					6/19/73	9.4	1346.7		
				7/24/73	336.9	1459.3					7/24/73	10.0	1346.1		
				8/21/73	337.4	1458.8		02N/14W-13002 S 19			1453.4	11/17/72	62.1	1391.3	1200
				9/18/73	337.7	1458.5					4/22/73	62.6	1390.4		
02N/14W-05L01 S 19			1141.0	11/22/72	5.8	1135.2	1101	02N/14W-13004 S 19			1467.0	4/12/73	71.3	1395.7	1101
				4/12/73	3.8	1137.2		02N/14W-13F02 S 19			1439.9	11/17/72	49.7	1398.2	1200
02N/14W-06J01 S 19			1204.2	12/01/72	NM-3		1200				4/22/73	50.1	1389.4		
				4/26/73	NM-3			02N/14W-13F03 S 19			1454.0	10/17/72	60.7	1393.3	1200
02N/14W-09E01 S 19			1098.6	12/01/72	42.8	1055.8	1200				11/17/72	60.7	1393.3		
				4/26/73	33.3	1065.3					12/19/72	61.1	1392.4		
02N/14W-09H01 S 19			1164.0	10/26/72	53.4	1110.6	1200				1/23/73	61.4	1392.5		
				11/21/72	53.2	1110.8					2/20/73	61.3	1392.7		
				12/29/72	52.4	1111.6					3/23/73	61.3	1392.7		
				1/26/73	52.2	1111.8					4/22/73	61.2	1392.8		
				2/23/73	41.3	1122.7					5/24/73	61.2	1392.8		
				3/22/73	40.6	1123.4					6/19/73	61.3	1392.7		
				4/26/73	42.8	1121.2					7/24/73	61.3	1392.7		
				5/24/73	44.7	1119.3					8/21/73	61.5	1392.5		
				6/28/73	47.2	1116.8					9/18/73	61.5	1392.5		
				7/26/73	48.4	1115.6		02N/14W-13F04 S 19			1456.4	11/17/72	64.2	1392.2	1200
				8/23/73	46.6	1117.4					4/22/73	64.6	1391.4		
				9/20/73	45.4	1118.6		02N/14W-14A01 S 19			1402.0	11/17/72	21.1	1380.9	1200
02N/14W-10F01 S 19			1192.6	11/21/72	50.8	1141.8	1200				4/23/73	21.1	1380.9		
				4/26/73	35.8	1156.8		02N/14W-14R01 S 19			1334.4	10/26/72	FLOW		1101
02N/14W-10N01 S 19			1152.1	11/22/72	46.0	1106.1	1101				11/24/72	FLOW			
				4/12/73	41.5	1110.6					1/09/73	FLOW			
02N/14W-10R01 S 19			1222.7	11/21/72	NM-6		1200				2/22/73	FLOW			
02N/14W-10R02 S 19			1215.0	10/26/72	32.3	1182.7	1200				3/05/73	FLOW			
				11/26/72	31.5	1183.5					4/04/73	FLOW			
				12/29/72	30.9	1184.1					5/07/73	FLOW			
				1/26/73	29.8	1185.1					6/01/73	FLOW			
				2/23/73	23.9	1191.2					7/11/73	FLOW			
				3/22/73	18.2	1196.8					8/20/73	FLOW			
				4/26/73	19.1	1195.9					9/04/73	FLOW			

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT TUJUNGA HYDRO SUBAREA							U-05 U-05.8 U-05.83	LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT VERDUGO HYDRO SUBAREA							U-05 U-05.8 U-05.84
02N/14W-14C04	5	19	1325.3	11/17/72 4/22/73	5.8 5.0	1319.5 1320.3	1200	01N/13W-15R01	5	19	851.5	10/04/72 11/01/72 12/06/72 1/31/73 2/07/73 3/14/73 4/25/73 5/23/73 6/27/73 7/11/73 8/08/73 9/05/73	11.8 11.7 12.0 12.4 12.4 11.4 11.7 12.4 12.2 12.2 12.4 12.6	839.7 839.8 839.5 839.1 839.1 839.9 839.8 839.1 839.3 839.3 839.1 838.9	1101
02N/14W-14G01	5	19	1372.0	11/17/72 4/22/73	24.0 22.9	1348.0 1349.1	1200	01N/13W-15R02	5	19	846.7	10/04/72 11/01/72 12/06/72 1/31/73 2/07/73 3/07/73 4/25/73 5/23/73 6/27/73 7/11/73 8/08/73 9/05/73	5.2 5.2 5.5 5.8 5.8 5.4 5.5 5.6 5.8 5.8 5.9 5.9	841.5 841.5 841.2 840.9 840.9 841.1 841.2 841.1 840.9 840.9 840.8 840.8	1101
02N/14W-14H02	5	19	1415.7	10/17/72 11/17/72 12/19/72 1/23/73 2/20/73 3/23/73 4/22/73 5/24/73 6/19/73 7/24/73 8/21/73 9/18/73	33.3 33.2 33.6 33.9 33.6 33.5 33.3 33.3 33.4 33.4 32.5 33.5	1382.4 1382.5 1382.1 1381.8 1382.1 1382.2 1382.4 1382.4 1382.3 1382.3 1383.2 1382.2	1200	01N/13W-15R03	5	19	831.5	10/04/72 11/01/72 12/06/72 1/17/73 2/07/73 3/07/73 4/18/73 5/23/73 6/27/73 7/11/73 8/08/73 9/05/73	5.3 5.5 5.6 5.9 5.8 5.4 5.6 5.7 5.8 5.9 5.9 6.0	826.2 826.0 825.9 825.6 825.7 826.1 825.9 825.8 825.7 825.6 825.6 825.4	1101
VERDUGO HYDRO SUBAREA							U-05.84								
01N/13W-03D05	5	19	1160.0	10/29/72 11/27/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	83.4 91.7(1) 87.5 81.1 77.6 85.7 89.3 91.1(1) 106.8(1) 83.9 92.1(1) 92.1(1)	1076.6 1068.3 1072.5 1078.9 1082.4 1074.3 1070.7 1068.9 1053.2 1076.1 1067.9 1067.9	1101	01N/13W-15R04	5	19	815.2	10/04/72 11/01/72 12/06/72 1/17/73 2/07/73 3/07/73 4/18/73 5/23/73 6/27/73 7/11/73 8/08/73 9/05/73	4.2 4.2 4.2 4.4 4.1 4.1 4.3 4.3 4.4 4.4 4.6 4.7	811.0 811.0 811.0 810.8 811.1 811.1 810.9 810.9 810.8 810.8 810.8 810.5	1101
01N/13W-03G01	5		1170.0	12/07/72 4/11/73	OPY NM-3		1101	01N/13W-15R05	5	19	826.1	10/04/72 11/01/72 12/06/72 1/24/73 2/14/73 3/28/73 4/04/73 5/02/73 6/20/73 7/11/73 8/08/73 9/05/73	9.4 9.8 7.9 8.2 8.8 7.3 8.5 9.3 9.8 9.8 10.0 10.1	816.7 816.4 818.2 817.4 817.3 818.8 817.6 816.8 816.3 816.3 816.1 816.0	1101
01N/13W-05D01	5		399.7	10/26/72 11/29/72 12/27/72 1/26/73 2/21/73 3/29/73 4/24/73 5/30/73 6/27/73 7/26/73 8/29/73 9/26/73	24.1 24.4 24.9 25.2 24.4 24.0 24.1 24.0 24.2 24.0 23.9 24.0	375.6 375.3 374.8 374.5 375.3 375.7 375.6 375.7 375.5 375.7 375.8 375.7	1200	02N/13W-20F02	5	19	517.0	5/04/73	182.6(4)	334.4	1101
01N/13W-10F01	5	19	964.7	10/04/72 11/01/72 12/06/72 1/03/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/04/73 8/01/73 9/05/73	28.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0 27.7 27.7(6) 27.7(6)	936.7 936.7 936.7 936.7 936.7 936.7 936.7 936.7 936.7 936.7 936.7 936.7	1101	02N/13W-28R01	5	19	1413.0	10/29/72 11/27/72 12/31/72 1/31/73 2/28/73 3/31/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	61.4 63.7 63.6 59.4(5) 62.3 55.4 61.2(1) 65.2 70.0 69.5 64.2	1351.8 1349.3 1349.4 1353.6 1350.7 1357.6 1351.8 1347.8 1343.0 1343.5 1348.8	1101
01N/13W-10F02	5	19	964.5	10/04/72 11/01/72 12/06/72 1/31/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/11/73 8/08/73 9/05/73	24.3 25.1 25.8 27.6 27.4 26.2 25.8 25.6 25.7 26.2 26.8 26.7	940.2 939.4 938.7 936.9 937.1 938.3 938.7 938.9 938.8 938.3 937.7 937.8	1101	02N/13W-29F01	5	19	1590.0	10/29/72 11/27/72 12/31/72 1/31/73 2/28/73 3/31/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	39.0 32.8 33.1 37.0(5) 32.5 30.6 30.2 29.2(1) 29.8 30.6 29.0	1551.0 1557.2 1556.9 1553.0 1557.5 1559.4 1559.9 1560.8 1560.2 1559.4 1560.0	1101
01N/13W-10F03	5	19	966.0	10/04/72 11/01/72 12/06/72 1/17/73 2/21/73 3/21/73 4/18/73 5/23/73 6/20/73 7/11/73 8/08/73 9/05/73	64.9(1) 64.9(1) 64.9(1) 85.6(1) 85.6(1) 85.6(1) 85.6(1) 85.6(1) 85.6(1) 85.6(1) 64.9(1) 64.9(1)	901.1 901.1 901.1 880.4 880.4 880.4 880.4 880.4 880.4 880.4 901.1 901.1	1101	02N/13W-29R01	5	19	1435.0	10/29/72 11/27/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	43.0(1) 49.0(1) 49.5(1) 32.0(5) 30.6 31.6 32.0(5) 53.8(1) 56.9(1)	1392.0 1386.0 1385.5 1403.0 1404.4 1403.4 1403.0 1381.2 1378.1	1101
01N/13W-10001	5	19	884.9	10/04/72 11/01/72 12/06/72 1/17/73 2/07/73 3/14/73 4/25/73 5/02/73 6/27/73 7/11/73 8/08/73 9/05/73	12.5 12.1 13.3 14.8 13.9 12.7 12.8 14.2 13.3 13.4 13.7 13.9	872.4 872.8 871.6 870.1 871.0 872.2 872.1 870.7 871.6 871.5 871.2 871.0	1101								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT VERDUGO HYDRO SUBAREA							U-05 U-05.B U-05.B4	LA-SAN GABRIEL RIVER HYDRO UNIT RAYMOND HYDRO SUBUNIT PASADENA HYDRO SUBAREA							U-05 U-05.C U-05.C1
02N/13W-29R01 S 19			1435.0	8/31/73 9/30/73	57.0(1) 44.0(1)	1378.0 1391.0	1101	01N/11W-07M01 S 19			1442.7	4/06/73	14.4	1428.3	5050
(CONTINUED)								01N/11W-07N01 S 19			1340.0	4/06/73	120.5	1219.5	5050
02N/13W-29R02 S 19			1435.0	11/30/72 4/12/73	49.5(1) 39.9(2)	1385.5 1395.1	1101	01N/11W-07N02 S 19			1330.0	4/06/73	169.2	1160.8	5050
02N/13W-33C01 S 19			1374.0	10/29/72 11/27/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	74.0(1) 72.4(1) 66.0 65.1 62.1 77.6(1) 78.5(5) 69.9(1) 84.7(1) 89.2(1) 89.4(1) 78.0(1)	1300.0 1301.6 1308.0 1308.9 1311.9 1296.4 1295.5 1304.1 1289.3 1284.8 1284.6 1296.0	1101	01N/11W-18C01 S 19			1189.0	4/06/73	64.2	1124.8	5050
02N/13W-33C03 S 19			1350.0	11/15/72 4/12/73	67.8(1) 67.2(4)	1282.2 1282.8	1101	01N/11W-29L03 S 19			523.0	4/17/73	0.9	522.1	5050
02N/13W-33C05 S 19			1341.0	12/07/72 4/11/73	45.0 43.7	1296.0 1297.3	1101	01N/11W-29M01 S 19			569.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/01/73 9/05/73	113.0(5) 115.0(5) 80.0(5) 77.0(5) 66.0(5) 62.0(5) 61.0(5) 104.0(5) 112.0(5) 104.0(5) 117.0(5) 104.0(5) 117.0(5) 117.0(5)	456.0 454.0 489.0 492.0 503.0 507.0 508.0 465.0 457.0 465.0 452.0 452.0	5062
02N/13W-33C06 S 19			1350.0	11/10/72 4/12/73	75.7(5) 86.9	1274.3 1263.1	1101	01N/11W-30N04 S 19			701.0	10/20/72 12/29/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	218.0(5) 225.0(5) 230.0(5) 225.0(5) 225.0(5) 225.0(5) 225.0(5) 234.0(5) 235.0 NM-1 NM-1	463.0 476.0 471.0 476.0 476.0 476.0 476.0 467.0 466.0	5062
02N/13W-33G01 S 19			1300.0	10/29/72 11/27/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	80.8(1) 76.8(1) 66.0 59.6(5) 56.1 58.0 76.3(1) 65.5(1) 86.7 91.5 93.6 75.4	1219.2 1223.2 1234.0 1240.4 1243.9 1242.0 1223.7 1234.5 1213.3 1208.5 1206.4 1224.6	1101	01N/11W-30J01 S 19			600.6	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	211.4(1) 134.4(5) 178.4(1) 110.4(5) 176.4(1) 114.4(5) 205.4(1) 147.4(5) 159.4(5) 160.4(5) 164.4(5)	364.2 466.2 422.2 490.2 424.2 466.2 395.2 453.2 441.2 440.2 436.2	5062
02N/13W-33R01 S 19			1237.0	10/29/72 11/27/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	85.8 85.8(1) 116.5(5) 91.5(5) 44.6 117.9(1) 85.5(1) 92.5 120.2 131.6(1) 111.5(1) 131.5(1)	1151.2 1151.2 1120.5 1145.5 1152.4 1119.1 1151.5 1144.5 1116.8 1105.4 1105.5 1105.5	1101	01N/11W-30K01 S 19			634.0	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	163.2(5) 148.2(5) 143.2(5) 134.2(5) 139.2(5) 165.2(1) 153.2(5) 153.2(5) 195.2(1) 197.2(1) 171.2(5)	470.8 465.8 490.8 499.8 494.8 468.8 460.8 480.8 438.8 436.8 462.8	5062
02N/13W-33R03 S 19			1224.5	10/31/72 11/31/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/30/73 6/30/73 7/30/73 8/30/73 9/30/73	71.8(5) 70.5(5) 70.4(5) 72.6(5) 57.6(5) 54.8(5) 54.3(5) 74.1(1) 77.6(1) 54.3(5) 72.8(5) 77.7(5)	1152.7 1154.0 1154.1 1151.9 1166.9 1169.7 1170.2 1150.4 1146.9 1170.2 1151.7 1146.8	1101	01N/11W-30M01 S 19			603.6	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	85.0 84.0 75.0(7) 86.0 85.0 85.0 86.0 86.0 86.0 97.0 98.0	518.6 519.6 517.6 518.6 518.6 517.6 517.6 517.6 506.6 505.6	5062
02N/13W-33R07 S 19			1232.0	10/29/72 11/27/72 12/31/72 1/31/73 2/28/73 3/31/73 4/30/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	79.5(1) 81.1(1) 79.8 76.9 73.2 66.3 66.5(1) 100.7 103.1 101.4 107.5 92.0	1152.5 1150.9 1152.2 1155.1 1158.8 1165.7 1165.5 1131.3 1128.9 1130.6 1124.5 1140.0	1101	01N/11W-30O02 S 19			601.2	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 9/01/73	99.0(5) 95.0(5) NM-0 NM-0 NM-0 NM-0 NM-9 NM-0 NM-0 NM-0	502.2 506.2	5062
02N/13W-34P01 S 19			1323.0	12/07/72 4/11/73	104.0(3) 113.0	1219.0 1210.0	1101	01N/11W-30O03 S 19			580.0	11/01/72 12/01/72 1/01/73 2/01/73 4/06/73 7/03/73 8/01/73 9/01/73	100.0(5) 85.0(5) 83.0(5) 73.0(5) 107.0(5) 107.0(5) 106.0(5)	480.0 495.0 497.0 507.0 473.0 473.0 474.0	5062
EAGLE ROCK HYDRO SUBAREA							U-05.B5								
01N/13W-34R01 S 19			519.9	10/27/72 11/29/72 12/26/72 1/26/73 2/21/73 3/30/73 4/27/73 5/24/73 6/27/73 7/27/73 8/29/73 9/27/73	186.0 184.8 184.4 183.7 183.3 183.3 183.3 183.3 184.7 184.0 183.3 186.5	333.9 335.1 335.5 336.2 336.6 336.6 336.6 336.6 335.2 335.9 336.6 333.4	1200	01N/11W-31O01 S 19			596.0	12/19/72 4/11/73	112.6 102.9	483.4 493.1	1101
								01N/11W-31O02 S 19			590.0	4/06/73	104.2	485.8	5050
								01N/12W-07O01 S 19			1173.0	4/06/73	123.7	1049.3	5050
								01N/12W-09R01 S 19			1109.3	10/30/72 11/29/72 12/31/72 1/31/73	180.8 217.2(1) 217.4(1) 180.3	928.5 892.1 891.9 929.0	5062

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TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT RAYMONO HYDRO SUBUNIT PASADENA HYDRO SUBAREA							U-05 U-05.C U-05.C1	LA-SAN GABRIEL RIVER HYDRO UNIT RAYMONO HYDRO SUBUNIT PASADENA HYDRO SUBAREA							U-05 U-05.C U-05.C1
01N/12W-09R01 S 19 (CONTINUEO)			1109.3	2/28/73 3/31/73 4/06/73 5/31/73 6/30/73 8/30/73 9/30/73	223.5(11) 213.7(11) 179.9 180.0 202.8 183.0 183.0	885.8 895.6 929.4 929.3 906.5 926.3 926.3	5062	01N/12W-25E01 S 19 (CONTINUEO)			719.8	3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	212.0(5) 215.0(5) 219.0(5) 222.0(5) 227.0(5) 224.0(5) 225.0(5)	507.4 504.8 500.8 497.8 492.8 493.8 494.8	1101
01N/12W-10G01 S				4/06/73	NM-7		5050	01N/12W-25G01 S 19			698.8	4/06/73	194.3	504.5	5050
01N/12W-10M01 S 19			1272.0	12/07/72 4/11/73	195.0 195.5	1077.0 1076.5	1101	01N/12W-25L01 S 19			683.0	4/06/73	184.4	498.6	5050
01N/12W-11F01 S				4/06/73	NM-7		5050	01N/12W-25L02 S 19			674.5	4/06/73	176.6	497.9	5050
01N/12W-11G01 S				4/06/73	NM-7		5050	01N/12W-25P02 S 19			634.0	4/06/73	136.9	497.1	5050
01N/12W-11J01 S			1115.0	4/06/73	13.3	1101.7	5050	01N/12W-26A01 S 19			754.6	10/05/72 11/20/72 12/06/72 1/10/73 2/13/73 3/12/73 4/04/73 5/02/73 6/12/73 7/09/73 8/08/73 9/13/73	254.0(5) 255.0(5) 307.0(1) 254.0(5) 252.0(5) 250.0(5) 300.0(1) 258.0(5) 261.0(5) 327.0(1) 323.0(1) 318.0(1)	500.6 499.6 447.6 500.6 502.6 504.6 454.6 496.6 493.6 427.6 431.6 436.6	5062
01N/12W-11N03 S			1173.2	4/06/73	NM-7		5050	01N/12W-26C01 S 19			791.0	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	289.5(5) 289.5(5) 291.8(5) 287.2(5) 284.9(5) 284.9(5) 282.5(5) 287.2(5) 287.2(5) 289.5 289.5(5) 289.5(5) 289.5(5)	501.5 501.5 499.2 503.4 506.1 506.1 508.5 503.8 503.8 501.5 501.5 501.5	5062
01N/12W-13C01 S 19			958.0	4/06/73	18.3	939.7	5050	01N/12W-26R01 S 19			681.6	4/05/73	196.7(1)	484.9	5050
01N/12W-13F03 S 19			964.6	4/06/73	231.5	733.1	5050	01N/12W-28N01 S 19			793.9	4/06/73	191.8	602.1	5050
01N/12W-20A01 S 19			934.5	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	321.4(5) 319.1(5) 321.4(5) 319.1(5) 321.4(5) 321.4(5) 321.4(5) 316.8(5) 312.2(5) 309.9 309.9(5) 312.2(5)	613.1 615.4 613.1 615.4 613.1 613.1 613.1 617.7 622.3 624.6 624.6 622.3	5062	01N/12W-28P01 S			776.0	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	NM-0 NM-0 NM-0 NM-0 NM-0 NM-0 NM-0 NM-0 NM-0 NM-7 NM-0 NM-7		5062
01N/12W-20R01 S 19			916.5	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	303.5(5) 301.1(5) 301.1(5) 303.5(5) 296.5(5) 296.5(5) 296.5(5) 296.5(5) 294.2(5) 281.9 281.9(5) 289.6(5)	613.0 615.4 615.4 613.0 620.0 620.0 620.0 620.0 622.3 634.6 634.6 626.9	5062	01N/12W-28R01 S 19			793.9	4/06/73	191.8	602.1	5050
01N/12W-21K01 S 19			898.0	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	287.6(5) 291.1(5) 287.6(5) 283.0(5) 283.0(5) 283.0(5) 280.7(5) 280.7(5) 278.4(5) 276.0 273.7(5) 273.7(5)	610.4 606.9 610.4 615.0 615.0 615.0 617.3 617.3 619.6 622.0 624.3 624.3	5062	01N/12W-28P01 S			776.0	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	NM-0 NM-0 NM-0 NM-0 NM-0 NM-0 NM-0 NM-0 NM-0 NM-7 NM-0 NM-7		5062
01N/12W-21K02 S 19			889.4	10/20/72 9/20/73	273.3(5) 268.2	616.1 621.2	5062	01N/12W-33F01 S 19			757.8	4/06/73	162.8	595.0	5050
01N/12W-23G01 S 19			878.0	10/20/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	375.0(5) 372.0(5) 369.0(5) 375.0(5) 375.0(5) 375.0(5) 364.5(5) 369.0(5) 369.0(5) 371.0 371.0(5) 371.0(5)	503.0 506.0 509.0 503.0 503.0 503.0 513.5 509.0 509.0 507.0 507.0	5062	01N/12W-33F02 S 19			756.5	4/06/73	147.6	608.9	5050
01N/12W-24R02 S			775.6	12/05/72 4/11/73	NM-7 NM-9		1101	01N/12W-33G01 S 19			749.9 750.0 749.9 750.0 749.9 750.0 749.9 750.0	10/20/72 11/24/72 12/28/72 1/09/73 2/22/73 3/05/73 4/03/73 5/10/73 6/14/73 7/19/73 8/30/73 9/12/73	151.8 151.4 151.2 151.1 150.8 150.8 150.4 150.2 150.4 149.7 149.3 149.2	598.1 598.6 598.7 598.4 599.2 599.2 599.6 599.7 595.9 600.2 600.8 600.8	5962 1101 5062 1101 5062 5062 5062 5062 1101
01N/12W-24R04 S			775.7	12/05/72 4/06/73	NM-7 NM-9		1101 5050	01N/12W-33M01 S			748.5	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73 3/27/73 4/06/73 5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7		5062
01N/12W-25A01 S 19			698.0	10/20/72 11/26/72 12/28/72 1/31/73 2/22/73	196.7 196.7 NM-7 NM-7 NM-6	501.3 501.3	5062	01N/12W-33R01 S			689.0	4/06/73	NM-9		5050
01N/12W-25R01 S 19			710.2	5/10/73 6/14/73 7/19/73 8/30/73 9/20/73	230.5(5) NM-1 NM-7 NM-1 NM-1	479.7	5062	01N/12W-34A01 S 19			736.0	4/06/73	227.4	508.6	5050
01N/12W-25E01 S 19			719.8	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73	223.0(5) 223.0(5) 221.0(5) 219.0(5) 216.0(5)	496.8 496.8 498.8 500.8 503.8	1101	01N/12W-34C01 S 19			725.8	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73	229.8(5) 222.8(5) 215.8(5) 221.8(5) 213.8(5) 198.8(5) 194.8(5) 209.8(5) 224.8(5)	496.0 503.0 510.0 504.0 512.0 527.0 531.0 516.0 501.0	1101

See page 79 for key to terms & abbreviations







TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT RAYMOND HYDRO SUBUNIT SANTA ANITA HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							
								U-05 U-05.C U-05.C3							
01N/11W-21M03 5 19			609.5	11/01/72	136.5(5)	473.0	5062	01N/09W-35005 5 19			1069.0	4/16/73	112.8	956.2	1101
(CONTINUED)				12/06/72	137.5(5)	472.0		01N/09W-36P01 5 19			1170.0	11/30/72	219.8	950.2	1101
				1/04/73	142.5(5)	467.0					4/06/73	213.5	956.5		
				2/07/73	145.5(5)	464.0		01N/09W-36P02 5 19			1157.0	4/06/73	202.5	954.5	1101
				3/07/73	142.5(5)	467.0		01N/10W-25G01 5 19			882.0	11/29/72	136.2	745.8	1101
				4/04/73	134.5(5)	475.0					4/10/73	130.7	751.3		
				5/02/73	101.5(5)	508.0		01N/10W-25R01 5 19			703.2	10/12/72	253.7	449.5	1733
				6/06/73	97.5(5)	512.0					11/02/72	253.8	449.4		
				7/05/73	108.5(5)	501.0					12/16/72	255.7	447.5		
				8/01/73	109.5(5)	500.0					1/06/73	256.2	447.0		
				9/05/73	110.5(5)	499.0					3/08/73	258.7	444.5		
01N/11W-22F01 5			611.5	10/25/72	39.0	572.5	1101				4/19/73	259.2	444.0		
				11/13/72	38.5	573.0					5/10/73	257.7	452.5		
				1/08/73	37.4	574.1					7/12/73	261.0	442.2		
				2/22/73	36.2	575.3					8/02/73	261.2	442.0		
				3/05/73	37.0	574.5		01N/10W-29R02 5			575.0	12/05/72	NM-6		1101
				4/03/73	33.4	578.1					11/02/72	207.4(4)	239.6	1733	
				5/01/73	33.3	578.2					3/08/73	198.7	248.3		
				6/01/73	32.9	578.6					4/02/73	175.7(4)	271.3		
				7/12/73	34.2	577.3					5/10/73	176.3(4)	270.7		
				8/21/73	35.0	576.5					6/21/73	188.4	258.8		
				9/04/73	35.2	576.3					7/12/73	196.4(4)	250.6		
01N/11W-22N03 5			522.0	3/05/73	DRY		1101				8/02/73	201.2(4)	245.2		
				4/03/73	DRY						9/13/73	208.0(4)	239.0		
				5/01/73	DRY			01N/10W-32J01 5 19			547.7	4/02/73	282.9(2)	264.4	1101
				6/04/73	DRY						11/13/72	325.0	223.7	1101	
				7/12/73	DRY						4/14/73	277.7	271.0		
				8/21/73	DRY						11/13/72	NM-8		1101	
				9/04/73	DRY						4/04/73	NM-1			
01N/11W-28C01 5			546.3	10/25/72	72.7	473.6	1101				12/14/72	317.1	231.4	1733	
				11/13/72	71.7	474.6					1/04/73	317.8	231.2		
				1/08/73	77.7	468.6					2/15/73	319.7	229.3		
				2/22/73	76.5	469.8					3/08/73	308.7	240.3		
				3/05/73	82.9	463.4					4/02/73	289.8	259.2		
				4/04/73	67.5	478.8					5/10/73	277.9	271.1		
				5/01/73	44.4	501.9					6/21/73	283.3	265.7		
				6/29/73	50.3	496.0					7/12/73	282.2	259.8		
				7/31/73	54.6	491.7					8/02/73	295.2	253.4		
				9/11/73	59.0	487.3					9/13/73	302.8	246.2		
SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								U-05.0 U-05.01							
01N/09W-19K01 5 19			1237.0	11/29/72	41.5	1195.5	1101	01N/10W-34L01 5 19			556.0	11/01/72	272.0(5)	284.0	1101
				4/10/73	29.1	1207.9					3/30/73	313.0(5)	243.0		
01N/09W-20J01 5 19			1122.0	1/12/73	39.2	1082.8	1101				4/10/73	309.4	246.6		
				4/02/73	13.2	1108.8		01N/10W-34N01 5 19			428.3	11/13/72	202.5	225.4	1101
01N/09W-29C02 5 19			950.0	1/11/73	383.5	566.5	1101				4/04/73	182.2	246.1		
01N/09W-29K01 5 19			935.0	1/12/73	372.5	562.5	1101	01N/10W-34N02 5 19			438.9	11/13/72	215.6	223.3	1101
				4/03/73	364.4	570.6					4/04/73	192.8	246.1		
01N/09W-30P01 5			820.0	10/03/72	294.0	526.0	1101	01N/11W-13001 5 19			336.5	10/10/72	111.3	223.2	1101
				11/02/72	294.1	525.9					11/10/72	112.2	222.3		
				12/12/72	294.5	525.5					12/13/72	111.1	223.4		
				1/08/73	303.4	516.6					1/08/73	111.3	223.2		
				2/05/73	305.0	515.0					2/13/73	110.1	224.4		
				3/07/73	294.1	525.9					3/07/73	99.2	235.3		
				4/03/73	295.5	524.5					4/02/73	83.1	251.4		
				5/08/73	297.7	522.3					5/07/73	86.6	247.4		
				7/09/73	298.0	522.0					6/01/73	87.5	247.0		
				9/05/73	296.0	524.0					7/02/73	90.1	244.4		
01N/09W-31R02 5 19			713.0	11/29/72	109.1	603.9	1101				8/02/73	93.9	240.6		
				4/04/73	109.0	604.0					9/11/73	98.5	236.7		
01N/09W-32A02 5 19			868.8	11/29/72	134.0	734.8	1101	01N/11W-13L02 5 19			337.0	11/11/72	121.1	215.4	1101
				4/10/73	134.4	734.4					12/09/72	109.5	227.5		
01N/09W-35L01 5			1100.0	11/30/72	NM-3		1101				2/12/73	109.3	227.7		
01N/09W-35L02 5 19			1079.0	11/30/72	114.0	965.0	1101				3/17/73	95.6	241.4		
				4/06/73	70.3	1008.7					4/07/73	87.2	249.8		
01N/09W-35L03 5 19			1090.0	11/30/72	118.6	971.4	1101				5/12/73	86.3	250.7		
				4/06/73	66.8	1023.2					6/01/73	88.3	248.7		
01N/09W-35P01 5 19			1047.0	11/30/72	110.9	936.1	1101				8/04/73	94.6	242.4		
				4/06/73	99.8	947.2					9/16/73	98.1	238.4		
01N/09W-35R02 5 19			1054.0	10/03/72	115.7	938.3	1101	01N/11W-14P01 5			309.8	10/10/72	86.6	223.2	1101
				11/02/72	119.0	935.0					11/10/72	87.9	221.9		
				12/12/72	118.5	935.5					12/13/72	88.1	221.7		
				2/05/73	115.3	938.7					1/08/73	87.9	221.9		
				3/07/73	116.0	938.0					2/13/73	87.0	222.8		
				4/03/73	106.4	947.6					3/07/73	64.5	245.3		
				5/08/73	110.0	944.0					4/02/73	59.3	250.5		
				6/01/73	110.2	943.8					5/07/73	68.3	241.5		
				8/13/73	113.5	940.5					6/01/73	69.5	240.3		
				9/05/73	109.7	944.3					7/02/73	70.7	239.1		
01N/09W-35002 5 19			1064.0	1/12/73	134.1	929.9	1101				8/02/73	73.1	236.6		
				4/11/73	NM-1			01N/11W-23C01 5			306.0	11/27/72	87.9	218.1	1101
				5/14/73	NM-1						4/03/73	60.0	246.0		
01N/09W-35004 5 19			1060.0	11/30/72	129.1(4)	930.9	1101	01N/11W-24F03 5 19			759.0	12/05/72	49.6	709.4	1101
											4/11/73	25.4	733.6		
01N/09W-35005 5 19			1069.0	11/30/72	128.2	940.8	1101	01N/11W-24F01 5				12/05/72	DRY		1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRD UNIT SAN GABRIEL VALLEY HYDRD SUBUNIT MAIN SAN GABRIEL HYDRD SUBAREA							U-05 U-05.D U-05.D1	LA-SAN GABRIEL RIVER HYDRD UNIT SAN GABRIEL VALLEY HYDRD SUBUNIT MAIN SAN GABRIEL HYDRD SUBAREA							U-05 U-05.0 U-05.D1
01N/11W-24F01	5		748.9	4/11/73	40.0	708.9	1101	01N/11W-36L01	5	19	413.5	12/14/72	185.3(5)	228.2	1733
01N/11W-24L01	5	19	697.1	12/05/72 3/16/73 4/11/73	94.0 52.7 63.0	603.1 644.4 634.1	1101	(CONTINUED)				1/04/73	187.3(5)	226.2	
01N/11W-26L09	5	19	283.7	11/17/72 4/02/73	64.8 54.9	218.9 228.8	1101					2/15/73	187.3(5)	226.2	
01N/11W-26P04	5	19	287.0	11/27/72 4/02/73	70.7 63.2	216.3 223.8	1101					3/08/73	180.3(5)	233.2	
01N/11W-27F01	5	19	495.8	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/01/73 9/05/73	261.8(5) 261.8(5) 261.8(5) 262.8(5) 261.8(5) 256.8(5) 250.3(5) 248.0(5) 253.1(5) 252.8(5) 253.8(5)	234.0 234.0 234.0 233.0 234.0 239.0 245.5 247.8 242.7 243.0 242.0	5062	01N/11W-36R01	5	19	424.0	11/13/72	202.3	221.7	1101
01N/11W-31R01	5	19	503.0	11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	321.0(5) 365.0(1) 316.0(5) 361.0(1) 356.0(1) 347.0(1) 303.0(5) 349.0(1) 311.0(5) 358.0(1) 361.0(1)	182.0 138.0 187.0 142.0 147.0 156.0 200.0 154.0 192.0 145.0 142.0	5062	015/09W-06C01	5	19	1153.5	12/06/72 4/06/73	216.0 204.1	937.5 949.4	1101
01N/11W-32O02	5	19	468.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/01/73 9/05/73	266.1(5) 266.1(5) 265.1(5) 266.1(5) 262.1(5) 259.1(5) 255.1(5) 259.1(5) 256.1(5) 256.1(5) 256.1(5) 262.1(5)	201.9 201.9 202.9 201.9 205.9 208.9 212.9 208.9 211.9 211.9 211.9 205.9	5062	015/09W-01A01	5	19	1131.0	11/30/72	NM-6		1101
01N/11W-33O01	5		407.8	10/25/72 11/13/72 1/08/73 2/22/73 3/05/73 4/02/73 5/01/73 6/29/73 7/31/73 9/11/73	164.6 165.2 166.7 167.9 158.8 168.0 167.0 166.7 167.1 167.4	233.2 242.6 241.1 249.9 249.0 239.8 240.8 241.1 240.7 240.4	1101	015/09W-01C02	5	19	1131.0	11/30/72 4/09/73	184.1 175.7	946.9 955.3	1101
01N/11W-34N03	5	19	402.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/01/73 9/05/73	179.4(5) 179.4(5) 177.4(5) 177.4(5) 170.4(5) 165.4(5) 163.4(5) 163.4(5) 169.4(5) 166.4(5) 170.4(5)	222.6 222.6 224.6 224.6 231.6 236.6 238.6 232.6 235.6 231.6	5062	015/09W-01F01	5	19	1119.3	11/03/72 12/12/72 1/11/73 2/05/73 3/08/73 4/04/73 5/08/73 6/01/73 7/11/73 8/21/73 9/06/73	204.0 179.5 178.0 174.9 173.3 172.0 200.5(2) 214.2 194.5 193.0 192.5	915.3 939.4 941.3 944.4 946.0 947.3 916.8 905.1 924.4 926.3 926.4	1101
01N/11W-34N05	5	19	402.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/01/73 9/05/73	180.0(5) 181.0(5) 180.0(5) 180.0(5) 179.0(5) 167.0(5) 159.0(5) 161.0(5) 163.0(5) 175.0(5) 170.0(5) 172.0(5)	222.0 221.0 222.0 222.0 223.0 235.0 243.0 241.0 239.0 227.0 232.0 230.0	5062	015/09W-01G01	5	19	1107.5	11/30/72 4/09/73	170.3 164.1	937.2 943.4	1101
01N/11W-35L01	5	19	403.0	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	175.0(5) 179.0(5) 178.0(5) 180.0(5) 175.0(5) 170.0(5) 156.0(5) 154.0(5) 168.0(1) 159.0(5) 164.0(5) 165.0(5)	228.0 224.0 225.0 223.0 228.0 233.0 247.0 249.0 235.0 244.0 239.0 238.0	1101	015/09W-02C01	5	19	1046.1	11/30/72	109.5	934.6	1101
01N/11W-36L01	5	19	413.5	10/12/72 11/02/72	187.3(5) 190.3(5)	226.2 223.2	1733	015/09W-02C02	5	19	1051.0	11/30/72	118.5(4)	932.5	1101
								015/09W-02F01	5	19	1029.0	11/30/72 1/08/73 2/05/73 3/07/73 7/09/73 8/13/73	128.1 83.0 85.0 90.0 72.2 61.2	900.4 946.0 944.0 939.0 956.8 967.4	1101
								015/09W-02H01	5	19	1080.0	10/04/72 11/02/72 12/12/72 1/11/73 2/05/73 3/09/73 4/04/73 5/08/73 6/01/73 7/11/73 8/21/73 9/06/73	152.2 149.3 148.4 143.0 141.2 139.8 138.2 140.7 138.5 141.6 156.3 141.0	927.4 930.7 931.2 937.0 938.4 940.2 941.2 939.1 941.5 938.4 923.7 934.0	1101
								015/09W-02O01	5	19	1020.0	11/30/72 4/10/73	254.3(4) 259.1	765.7 760.0	1101
								015/09W-02O02	5	19	1023.0	11/30/72 4/09/73	98.2 42.5	924.4 930.5	1101
								015/09W-03C01	5	19	957.0	11/30/72 4/10/73	88.2(2) 76.0	884.4 881.0	1101
								015/09W-03F01	5	19	930.0	4/10/73	45.3	884.7	1101
								015/09W-03G01	5	19	983.0	1/12/73 4/10/73	60.8 53.2	922.2 929.4	1101
								015/09W-03H01	5	19	1018.0	11/30/72 4/10/73	94.4 99.2	923.4 918.4	1101
								015/09W-04O02	5			2/16/73 4/03/73 5/08/73	NM-7 DPY DPY		1101
								015/09W-04G01	5	19	883.7	10/03/72 11/02/72 12/12/72 1/08/73 2/05/73 3/07/73 4/03/73 5/08/73 7/09/73 8/21/73 9/05/73	94.1 97.2 96.1 96.8 97.5 96.7 96.4 97.0 95.0 95.2 96.0	789.4 786.5 787.4 786.9 786.2 787.0 787.5 786.7 788.7 784.5 787.7	1101
								015/09W-04J01	5	19	906.6	11/02/72 12/12/72 1/08/73 2/05/73 3/07/73 4/03/73 8/09/73	87.0 95.5 85.0 83.4 82.8 81.8 93.3	819.4 811.1 821.5 823.2 823.4 824.8 813.3	1101
								015/09W-05A01	5			2/16/73	DPY		1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							
								U-05 U-05.0 U-05.01							
015/09W-05401 S (CONTINUED)				3/07/73 4/03/73 5/08/73	DRY DRY DRY		1101	015/10W-05N01 S 19 (CONTINUED)			443.0	7/12/73 8/02/73 9/13/73	191.8 195.9 202.2	251.2 247.1 240.8	1733
015/09W-05402 S				2/16/73 3/07/73 4/03/73 5/08/73	DRY DRY DRY DRY		1101	015/10W-06J01 S 19			444.0	4/02/73 5/10/73 6/21/73 7/12/73 8/02/73 9/13/73	174.7 178.0 187.0 192.8 197.2 203.8	269.3 266.0 257.0 251.2 246.8 240.2	1733
015/09W-05403 S		831.3		2/16/73 3/07/73 4/03/73	DRY 19.6 26.4	811.7 804.9	1101	015/10W-06N02 S 19			404.0	11/25/72 3/31/73	208.0 141.6	196.0 262.4	1101
015/09W-05G01 S 19		797.0		1/12/73 4/10/73	133.5 123.2	663.5 673.8	1101	015/10W-07402 S 19			425.0	11/13/72 4/02/73	201.3 169.0	223.7 256.0	1101
015/09W-05G02 S 19		795.0		4/10/73	121.6	673.4	1101	015/10W-07R02 S 19			386.7	10/02/72 11/01/72 12/01/72 1/03/73 2/02/73 3/02/73 4/02/73 5/02/73 6/01/73 7/04/73 8/01/73 9/04/73	160.6 161.8 161.4 160.0 160.4 157.0 142.0 136.4 135.9 139.3 143.1 147.4	226.1 224.4 225.7 226.7 226.3 229.7 244.7 250.3 250.8 247.4 243.4 239.1	1101 1733 1101 1733 1101 1101 1733 1101 1733 1101
015/09W-06J01 S		741.0		1/12/73 4/03/73	180.5 184.2	560.5 556.8	1101	015/10W-08A02 S 19			454.5	4/02/73	207.1	247.4	1101
015/09W-08F01 S 19		728.4		11/30/72 4/10/73	217.8 218.2	510.6 510.2	1101	015/10W-08P01 S 19			410.3	10/11/72 11/06/72 12/01/72 1/03/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	183.6 184.6 184.1 183.0 171.2 165.0 162.1 163.4 167.0 171.0	227.7 225.7 226.2 227.1 230.1 245.1 248.2 246.4 243.3 239.1	1101 1101
015/09W-09R01 S 19		840.0		10/03/72 11/02/72 12/12/72 2/05/73 3/07/73 4/03/73 5/08/73 7/09/73 8/21/73 9/05/73	210.4 211.5 212.3 212.0 205.3 213.4 (3) 211.3 211.3 211.8 217.5	629.6 628.5 627.7 628.0 634.7 626.6 628.7 628.7 628.2 622.5	1101	015/10W-09F01 S 19			440.0	2/15/73 4/04/73	212.1 198.7	227.9 241.3	1101
015/09W-16A04 S 19		673.0		1/08/73 4/06/73	171.0 189.0	502.0 484.0	1101	015/10W-09F02 S 19			440.0	11/13/72 2/16/73 4/04/73	224.9 210.0 196.2 (R)	215.1 230.0 243.8	1101
015/09W-19C01 S 19		530.0		11/10/72 4/04/73	94.2 93.5	435.8 436.5	1101	015/10W-09H01 S 19			452.0	11/06/72 2/15/73 4/04/73	224.3 (2) 219.1 (2) 208.8	227.7 232.9 243.2	1101
015/09W-19C03 S 19		526.0		11/10/72 4/04/73	101.7 100.7	424.3 425.3	1101	015/10W-09J01 S 19			449.0	11/06/72 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	221.2 209.9 212.8 201.8 202.7 206.0 208.3	227.8 239.1 236.2 247.2 246.1 243.0 240.7	1101
015/10W-01R01 S		657.0		10/12/72 11/02/72 12/14/72 1/04/73 2/15/73 3/08/73 4/02/73 5/10/73 6/21/73 7/12/73 8/02/73 9/13/73	290.6 DRY DRY 287.1 290.1 DRY 289.1 276.6 NM-0 289.5 DRY DRY	366.4 369.9 366.9 367.9 380.4 367.5	1733	015/10W-10C01 S 19			471.0	10/11/72 11/01/72 12/13/72 1/03/73 2/14/73 3/07/73 4/02/73 5/09/73 6/20/73 7/11/73 8/01/73 9/12/73	243.4 238.1 241.6 240.3 240.4 239.1 (4) 233.9 227.9 225.6 (4) 227.0 (4) 227.7 (4) 231.2	227.6 232.4 229.4 230.7 230.6 231.9 237.1 243.1 245.4 244.0 243.3 239.4	1733
015/10W-03H01 S 19		517.0		11/21/72 4/10/73	281.6 274.5	235.4 242.5	1101	015/10W-10P01 S 19			461.0	12/13/72 1/03/73 2/14/73 3/07/73 4/02/73 5/09/73 6/20/73 7/11/73 8/01/73 9/12/73	228.6 228.3 228.5 227.1 222.9 216.9 213.3 213.0 214.9 217.6	233.3 233.2 233.4 234.8 239.0 245.0 248.6 248.0 247.0 244.3	1733
015/10W-03K02 S 19		496.0		10/11/72 11/01/72 12/13/72 1/03/73 2/14/73 3/07/73 4/02/73 5/09/73 6/20/73 7/11/73 8/01/73 9/12/73	267.5 266.6 263.3 262.4 265.5 (4) 263.3 257.4 251.0 247.9 249.9 251.0 254.2	228.5 229.4 232.7 233.6 230.5 232.7 238.6 245.0 248.1 246.1 245.0 241.8	1733	015/10W-11H01 S				12/08/72 4/03/73	DRY DRY		1101
015/10W-04G01 S 19		504.8		11/13/72 4/04/73	275.1 257.7	229.7 247.1	1101	015/10W-12C1A S 19			599.0	11/15/72 4/10/73	213.1 192.4	385.9 406.6	1101
015/10W-05J01 S 19		473.0		3/29/73 4/02/73 5/10/73 6/21/73 7/12/73	224.0 222.0 214.0 216.8 221.3	249.0 251.0 259.0 256.2 251.7	1733	015/10W-12R01 S 19			620.0	10/17/72 11/15/72 12/31/72 3/21/73 4/04/73 5/18/73 6/28/73	327.5 (5) 367.5 (1) 369.5 (1) 346.5 (5) 335.7 374.5 (1) 374.5 (1)	292.5 252.5 250.5 273.5 284.3 245.5 245.5	1101
015/10W-05N01 S 19		443.0		11/23/72 12/14/72 1/04/73 4/19/73 5/10/73 6/21/73	216.1 216.1 214.7 180.3 180.0 186.6	226.9 226.9 228.3 262.7 263.0 256.4	1733	015/10W-13F01 S 19			550.0	10/24/72 11/15/72	352.2 (1) 350.2 (1)	197.8 199.8	1101

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01
015/10W-13F01	5	19	550.0	3/21/73	368.2(1)	181.8	1101	015/10W-22R01	5	19	427.2	3/07/73	181.8	245.4	1733
(CONTINUED)				5/18/73	371.2(1)	178.8		(CONTINUED)				4/02/73	181.0	246.2	
				6/28/73	374.2(1)	175.8						5/09/73	181.6	245.6	
015/10W-14R01	5	19	333.3	11/22/72	75.0	258.3	1733				6/20/73	182.3	244.9		
				6/20/73	79.2(4)	254.1					7/11/73	183.0	244.2		
				7/11/73	80.5(4)	252.8					8/01/73	183.9	243.3		
				8/22/73	83.6	249.7					9/12/73	184.6	242.6		
015/10W-14M01	5	19	493.0	10/11/72	142.7	350.3	1733	015/10W-23C01	5	19	484.0	7/13/73	229.6	254.4	1101
				11/01/72	141.4	351.6									
				12/13/72	243.5	249.5		015/10W-23F01	5	19	477.6	10/11/72	251.0	226.6	1733
				1/03/73	243.4	249.6					11/01/72	250.5	227.1		
				2/14/73	244.0	249.0					12/13/72	250.2	227.4		
				3/07/73	243.5	249.5					1/03/73	250.1	227.5		
				4/02/73	241.1	251.9					2/14/73	250.7	226.9		
				5/09/73	239.3	253.7					3/07/73	220.8	255.4		
				6/20/73	238.2	254.8					4/02/73	219.5	257.1		
				7/11/73	238.8	254.2					9/12/73	224.8	251.4		
				8/01/73	238.6	254.4		015/10W-23J03	5	19	470.0	11/08/72	199.0(5)	271.0	1101
				9/12/73	239.5	253.5					1/04/73	194.0(5)	276.0		
015/10W-17A01	5	19	401.5	10/11/72	175.1	226.4	1733				3/06/73	193.0(5)	277.0		
				11/01/72	175.7	225.8					5/03/73	199.0(5)	271.0		
				12/13/72	174.8	226.7					7/10/73	264.0(1)	206.0		
				1/24/73	172.3	229.2					9/06/73	283.0(1)	187.0		
				2/14/73	174.0	227.5		015/10W-23K01	5	19	458.0	11/08/72	205.5(5)	252.5	1101
				3/07/73	170.8	230.7					1/04/73	184.5(5)	273.5		
				4/02/73	161.9	239.6					3/06/73	190.5(5)	267.5		
				5/09/73	154.5	247.0					5/18/73	205.5(5)	252.5		
				6/20/73	155.6(2)	245.9					7/10/73	268.5(1)	189.5		
				7/11/73	156.4	245.1					9/07/73	268.5(1)	189.5		
				8/01/73	159.8(2)	241.7		015/10W-23K02	5	19	459.2	11/08/72	262.0(1)	197.2	1101
				9/12/73	162.9	238.6					1/04/73	187.0(5)	272.2		
015/10W-17A02	5	19	401.3	10/11/72	175.0	226.3	1733				3/06/73	186.0(5)	273.2		
				11/01/72	175.5	225.8					5/03/73	257.0(1)	202.2		
				12/13/72	174.6	226.7					7/10/73	259.0(1)	200.2		
				1/03/73	174.0	227.3					9/07/73	289.0(1)	170.2		
				2/14/73	173.9	227.4		015/10W-23L01	5	19	448.0	11/15/72	198.0(5)	250.0	1101
				3/07/73	170.8	230.5					1/04/73	196.0(5)	252.0		
				4/02/73	161.8	239.5					3/06/73	192.0(5)	256.0		
				5/09/73	155.0	246.3					5/03/73	222.0(1)	226.0		
				6/20/73	156.0(2)	245.3					7/10/73	218.0(1)	230.0		
				7/11/73	156.3	245.0					9/07/73	223.0(1)	225.0		
				8/01/73	159.8(2)	241.5		015/10W-23M04	5	19	444.0	11/15/72	205.5(5)	238.5	1101
				9/12/73	162.7	238.6					1/04/73	203.5(5)	240.5		
015/10W-17N01	5	19	364.3	4/02/73	128.0	236.3	1101				3/06/73	187.5(5)	256.5		
015/10W-18R01	5	19	422.7	10/11/72	192.4	230.3	1733				5/03/73	229.5(1)	214.5		
				11/01/72	193.3	229.4					7/10/73	233.5(1)	210.5		
				12/13/72	192.9	229.8					9/07/73	233.5(1)	210.5		
				1/03/73	192.5	230.2		015/10W-24F04	5			4/10/73	DRY		1101
				2/14/73	192.0	230.7									
				3/07/73	190.6	232.1		015/10W-24H01	5	19	500.0	4/10/73	61.2	438.8	1101
				4/18/73	181.5	241.2									
				7/11/73	177.3	245.4		015/10W-24H02	5	19	500.0	4/10/73	46.0	454.0	1101
				9/12/73	181.9	240.8									
015/10W-18F01	5	19	362.0	10/31/72	134.0(5)	228.0	1101	015/10W-24H04	5	19	507.0	4/10/73	DRY		1101
				11/29/72	134.0(5)	228.0									
				3/27/73	119.0(5)	243.0		015/10W-24M01	5	19	472.0	11/15/72	192.6	279.4	1101
				5/01/73	113.0(5)	249.0					4/04/73	188.9	283.1		
				6/29/73	113.0(5)	249.0									
				7/31/73	118.0(5)	244.0		015/10W-24M02	5	19	472.0	11/15/72	191.2	280.4	1101
				8/28/73	121.0(5)	241.0					4/04/73	186.3	285.7		
				9/29/73	121.0(6)	241.0		015/10W-27C02	5	19	412.0	11/15/72	219.0(1)	193.0	1101
015/10W-19C03	5	19	343.0	11/27/72	132.5	210.5	1101				1/02/73	187.0(5)	225.0		
				4/02/73	109.0	234.0					7/03/73	170.0(5)	242.0		
015/10W-19K01	5	19	335.0	11/14/72	113.5	221.5	1101	015/10W-28H02	5	19	397.0	11/15/72	166.0(5)	231.0	1101
				4/09/73	106.0	229.0					1/04/73	167.0(5)	230.0		
015/10W-19L02	5	19	332.0	10/26/72	118.5(5)	213.5	1101				3/05/73	164.0(5)	233.0		
				11/20/72	116.5(5)	215.5					5/03/73	161.0(5)	236.0		
				12/15/72	109.5(5)	222.5					7/10/73	162.0(5)	235.0		
				1/11/73	114.5(5)	217.5					9/07/73	163.0(5)	234.0		
				2/15/73	114.5(5)	217.5		015/10W-28K05	5	19	378.0	11/15/72	153.9(5)	224.1	1101
				3/15/73	111.5(5)	220.5					1/05/73	208.9(1)	169.1		
				4/15/73	103.5(5)	228.5					3/05/73	200.9(1)	177.1		
				5/15/73	102.5(5)	229.5					5/03/73	191.9(1)	186.1		
				6/15/73	93.5(5)	238.5					7/10/73	196.9(1)	179.1		
				7/15/73	104.5(5)	227.5					9/06/73	204.9(1)	173.1		
				8/15/73	106.5(5)	225.5		015/10W-29A05	5	19	367.0	10/04/72	151.1	215.4	1101
				9/15/73	106.5(5)	225.5					11/06/72	140.0	227.0		
015/10W-22C01	5	19	430.0	9/06/73	186.2	243.8	1101				12/14/72	151.9	215.1		
015/10W-22N01	5	19	409.0	11/15/72	175.0	234.0	1101				1/12/73	137.5	229.5		
				1/05/73	175.5(5)	233.5					2/08/73	140.5	226.5		
				3/05/73	174.5(5)	234.5					3/09/73	155.3	211.7		
				5/03/73	169.5(5)	239.5					4/03/73	140.0	227.0		
				7/11/73	169.5(5)	239.5					5/10/73	134.5	232.5		
				9/07/73	167.5(5)	241.5					7/12/73	135.2	231.8		
015/10W-22R01	5	19	427.2	10/11/72	180.9	246.3	1733				8/22/73	132.5	234.5		
				11/01/72	181.0	246.2					9/06/73	132.5	234.5		
				12/13/72	181.1	246.1		015/10W-29G02	5	19	354.0	10/11/72	125.1	228.9	1733
				1/03/73	180.9	246.3					11/01/72	125.4			

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							
U-05 U-05.0 U-05.01								U-05 U-05.0 U-05.01							
015/10W-29G02 S 19			354.0	2/14/73 3/07/73 4/02/73 5/30/73 6/20/73 7/11/73 8/22/73	127.3 127.3 126.7 124.2 123.0 122.3 122.3	226.7 226.7 227.3 229.8 231.0 231.7 231.7	1733	015/10W-33P01 S 19			343.0	4/09/73	75.7	267.3	1101
(CONTINUED)								015/11W-01R05 S 19			404.4	10/11/72 11/06/72 12/01/72 1/03/73 2/22/73 3/19/73 4/02/73	177.6 178.5 175.6 175.1 174.1 156.1 144.3	226.8 225.9 228.8 229.3 230.3 248.3 260.1	1101
015/10W-30K01 S			327.1	11/10/72 4/04/73	OPY ORY		1101	015/11W-02A01 S 19			375.0	10/11/72 11/13/72 12/01/72 1/03/73 3/19/73 4/02/73 5/31/73 6/29/73 9/11/73	147.0 150.2 145.5 144.6 130.3 123.0 118.9 124.4 134.5	228.0 224.4 229.5 230.4 244.7 252.0 256.1 250.6 240.5	1101
015/10W-30L05 S 19			321.0	11/10/72 4/04/73	96.6 98.0	224.4 223.0	1101	015/11W-02P01 S 19			368.0	11/01/72 12/01/72 1/31/73 2/28/73 3/31/73 4/30/73 5/28/73 6/24/73 7/31/73 8/31/73 9/23/73	144.5 (5) 144.5 (5) 143.5 (5) 141.5 (5) 122.5 (5) 119.5 (5) 121.5 (5) 124.5 (5) 126.5 (5) 135.5 (5) 134.5 (5)	223.5 223.5 224.5 226.5 245.5 248.5 246.5 243.5 241.5 232.5 233.5	1101
015/10W-31A02 S 19			320.0	10/11/72 11/22/72 12/13/72 1/03/73 3/07/73 4/02/73 9/12/73	103.6 100.6 98.5 99.2 95.6 93.2 96.0	216.4 219.4 221.5 220.8 224.4 226.8 224.0	1733	015/11W-02C01 S 19			367.5	10/07/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/21/73 7/14/73 8/14/73 9/14/73	143.0 (5) 143.0 (5) 141.0 (5) 147.0 (5) 147.0 (1) 136.0 (1) 123.5 (1) 122.0 (1) 126.5 (1) 129.0 (1) 133.0 (1) 136.0 (1)	224.5 224.5 226.5 220.5 220.5 244.0 245.5 241.0 238.5 234.5 231.5	1101
015/10W-31A03 S 19			320.5	11/15/72 1/03/73 3/05/73 5/02/73 7/03/73 9/06/73	191.5 (1) 183.5 (1) 185.5 (1) 191.5 (1) 97.5 (5) 195.5 (1)	129.0 137.0 135.0 129.0 223.0 125.0	1101	015/11W-02F01 S 19			360.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/07/73 6/06/73 7/05/73 8/01/73 9/05/73	135.3 (5) 135.3 (5) 135.3 (5) 136.3 (5) 134.3 (5) 126.3 (5) 115.3 (5) 111.3 (5) 113.3 (5) 121.3 (5) 121.3 (5) 124.3 (5)	224.7 224.7 224.7 225.7 225.7 233.7 244.7 248.7 246.7 242.7 237.7 235.7	5062
015/10W-31E01 S 19			306.4	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	84.0 85.0 84.0 83.0 84.0 85.0 80.0 77.0 75.0 87.0 85.0 88.0	222.4 221.4 222.4 222.4 222.4 226.4 229.4 231.4 219.4 221.4 218.4	1101	015/11W-02F02 S 19			360.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/07/73 6/06/73 7/05/73 8/01/73 9/05/73	135.7 (5) 135.7 (5) 134.7 (5) 133.7 (5) 133.7 (5) 125.7 (5) 114.7 (5) 110.7 (5) 112.7 (5) 116.7 (5) 120.7 (5) 123.7 (5)	224.7 224.7 225.7 225.7 233.7 244.7 248.7 246.7 242.7 237.7 235.7	5062
015/10W-31F03 S 19			309.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	93.5 101.5 91.5 89.5 89.5 88.5 86.5 82.5 82.5 89.5 89.5 94.5	215.5 207.5 217.5 219.5 219.5 220.5 222.5 226.5 226.5 219.5 219.5 214.5	1101	015/11W-02G01 S 19			360.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/07/73 6/06/73 7/05/73 8/01/73 9/05/73	135.7 (5) 135.7 (5) 134.7 (5) 133.7 (5) 133.7 (5) 125.7 (5) 114.7 (5) 110.7 (5) 112.7 (5) 116.7 (5) 120.7 (5) 123.7 (5)	224.7 224.7 225.7 225.7 233.7 244.7 248.7 246.7 242.7 237.7 235.7	5062
015/10W-31G04 S 19			312.0	11/15/72 1/03/73 3/05/73 5/02/73 7/05/73 9/06/73	84.5 (5) 87.5 (5) 82.5 (5) 80.5 (5) 81.5 (5) 83.5 (5)	227.5 224.5 229.5 231.5 230.5 228.5	1101	015/11W-02G02 S 19			360.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/07/73 6/06/73 7/05/73 8/01/73 9/05/73	135.7 (5) 135.7 (5) 134.7 (5) 133.7 (5) 133.7 (5) 125.7 (5) 114.7 (5) 110.7 (5) 112.7 (5) 116.7 (5) 120.7 (5) 123.7 (5)	224.7 224.7 225.7 225.7 233.7 244.7 248.7 246.7 242.7 237.7 235.7	5062
015/10W-31G06 S 19			312.0	11/15/72 1/03/73 3/05/73 5/02/73 7/05/73 9/06/73	159.4 (1) 88.4 (5) 83.4 (5) 80.4 (5) 193.4 (1) 194.4 (1)	152.6 223.6 228.6 231.6 118.6 117.6	1101	015/11W-02H01 S 19			360.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/07/73 6/06/73 7/05/73 8/01/73 9/05/73	135.7 (5) 135.7 (5) 134.7 (5) 133.7 (5) 133.7 (5) 125.7 (5) 114.7 (5) 110.7 (5) 112.7 (5) 116.7 (5) 120.7 (5) 123.7 (5)	224.7 224.7 225.7 225.7 233.7 244.7 248.7 246.7 242.7 237.7 235.7	5062
015/10W-31L01 S 19			306.6	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	83.0 99.0 (1) 93.0 91.0 83.0 102.0 (1) 89.0 83.0 84.0 87.0 89.0 90.0	223.6 207.6 213.6 215.6 223.6 204.6 217.6 223.6 222.6 219.6 217.6 216.6	1101	015/11W-02H02 S 19			360.0	10/04/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/07/73 6/06/73 7/05/73 8/01/73 9/05/73	135.7 (5) 135.7 (5) 134.7 (5) 133.7 (5) 133.7 (5) 125.7 (5) 114.7 (5) 110.7 (5) 112.7 (5) 116.7 (5) 120.7 (5) 123.7 (5)	224.7 224.7 225.7 225.7 233.7 244.7 248.7 246.7 242.7 237.7 235.7	5062
015/10W-31P05 S 19			303.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	103.0 100.0 91.0 90.0 84.0 84.0 85.0 93.0 89.0 108.0 109.0 100.0	200.0 203.0 212.0 213.0 219.0 219.0 218.0 210.0 214.0 195.0 194.0 203.0	1101	015/11W-02K04 S 19			357.0	12/20/72 1/10/73 2/21/73 3/16/73 4/03/73 5/16/73 6/06/73	139.1 139.2 137.3 122.9 113.7 107.1 107.6	217.9 217.8 219.7 234.1 243.3 249.9 249.4	1733
015/10W-32B01 S 19			341.0	11/14/72 1/12/73 3/05/73 5/02/73 7/16/73 9/07/73	154.2 (1) 131.2 (5) 146.2 (1) 142.2 (1) 147.2 (1) 143.2 (1)	186.8 209.8 194.8 198.8 193.8 197.8	1101	015/11W-02K04 S 19			357.0	12/20/72 1/10/73 2/21/73 3/16/73 4/03/73 5/16/73 6/06/73	139.1 139.2 137.3 122.9 113.7 107.1 107.6	217.9 217.8 219.7 234.1 243.3 249.9 249.4	1733
015/10W-33P01 S 19			343.0	11/10/72	76.0	267.0	1101								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SURUNIT MAIN SAN GABRIEL HYDRO SURAREA							U-05 U-05.0 U-05.01
015/11W-02K04 S	19		357.0	7/18/73	113.8	243.2	1733	015/11W-08F02 S	19		381.0	10/01/72	207.5(5)	173.5	1101
(CONTINUED)				8/08/73	116.6	240.4						11/01/72	207.5(5)	173.5	
				9/19/73	121.3	235.7						12/01/72	203.5(5)	177.5	
015/11W-02L02 S	19		354.0	4/03/73	109.4	244.6	1101					1/01/73	201.5(5)	179.5	
												2/01/73	197.5(5)	183.5	
015/11W-02N01 S	19		348.0	11/13/72	121.0	227.0	1101					3/01/73	197.5(5)	183.5	
				4/11/73	121.6	226.4						4/01/73	197.5(5)	183.5	
015/11W-02N02 S	19		345.0	4/03/73	103.0	242.0	1101					5/01/73	199.5(5)	181.5	
												6/01/73	199.5(5)	181.5	
015/11W-04R01 S	19		231.6	11/17/72	17.2	214.4	1101					7/01/73	207.5(5)	173.5	
				4/03/73	17.0	214.6						8/01/73	207.5(5)	173.5	
015/11W-04L02 S	19		369.5	10/04/72	122.9(5)	246.6	5062	015/11W-08J07 S	19		350.0	10/01/72	158.5(5)	191.5	1101
				11/01/72	124.9(5)	244.6						11/01/72	158.5(5)	191.5	
				12/06/72	125.9(5)	243.6						12/01/72	149.5(5)	200.5	
				1/04/73	125.9(5)	243.6						1/01/73	155.5(5)	194.5	
				2/07/73	125.9(5)	243.6						2/01/73	149.5(5)	200.5	
				3/07/73	125.9(5)	243.6						4/01/73	151.5(5)	198.5	
				4/04/73	124.9(5)	244.6						5/01/73	151.5(5)	198.5	
				5/16/73	124.9(5)	244.6						6/01/73	152.5(5)	197.5	
				6/06/73	124.9(5)	244.6						7/01/73	159.5(5)	190.5	
				7/05/73	124.9(5)	244.6						8/01/73	159.5(5)	190.5	
				8/01/73	125.9(5)	243.6						9/01/73	159.5(5)	190.5	
				9/05/73	126.9(5)	242.6									
015/11W-06N01 S	19		506.0	10/19/72	327.0(5)	179.0	1101	015/11W-08K01 S	19		350.0	10/01/72	107.0(5)	243.0	1101
				11/15/72	329.0(5)	177.0						11/01/72	109.0(5)	241.0	
				12/15/72	329.0(5)	177.0						12/01/72	109.0(5)	241.0	
				1/30/73	325.0(5)	181.0						1/01/73	106.0(5)	244.0	
				2/15/73	322.0(5)	184.0						2/01/73	109.0(5)	241.0	
				3/14/73	319.0(5)	187.0						3/01/73	109.0(5)	241.0	
				4/15/73	319.0(5)	187.0						4/01/73	109.0(5)	241.0	
				5/15/73	320.0(5)	186.0						5/01/73	111.0(5)	239.0	
				6/15/73	319.0(5)	187.0						6/01/73	112.0(5)	238.0	
				7/15/73	322.0(5)	184.0						7/01/73	112.0(5)	238.0	
				8/15/73	325.0(5)	181.0						8/02/73	112.0(5)	238.0	
				9/15/73	322.0(5)	184.0						9/03/73	109.0(5)	241.0	
015/11W-06N02 S	19		505.0	10/15/72	337.7(5)	167.3	1101	015/11W-08K02 S	19		350.0	1/01/73	95.0(5)	255.0	1101
				11/15/72	337.7(5)	167.3									
				12/15/72	328.7(5)	176.3									
				1/15/73	328.7(5)	176.3									
				2/05/73	328.7(5)	176.3									
				3/04/73	328.7(5)	176.3									
				4/10/73	326.7(5)	178.3									
				5/15/73	334.7(5)	170.3									
				6/15/73	328.7(5)	176.3									
				7/15/73	328.7(5)	176.3									
				8/15/73	329.7(5)	175.3									
				9/17/73	336.7(5)	168.3									
015/11W-07C01 S	19		423.4	10/25/72	210.8	212.6	1101	015/11W-09N02 S	19		360.0	12/13/72	NM-0		1101
				11/24/72	209.7	213.7									
				1/09/73	210.3	213.1									
				2/24/73	210.5	212.9									
				3/05/73	210.0	213.4									
				4/04/73	209.9	213.5									
				5/01/73	210.4	213.0									
				6/29/73	212.3	211.1									
				7/31/73	213.1	210.3									
				9/11/73	213.1	210.3									
015/11W-07H02 S			385.0	12/17/72	NM-0		1101	015/11W-09N04 S	19		311.0	10/14/72	99.0(5)	212.0	1101
												11/14/72	97.0(5)	214.0	
												12/14/72	95.5(5)	215.5	
												1/14/73	95.0(5)	216.0	
												2/14/73	97.0(5)	214.0	
												3/14/73	99.0(5)	222.0	
												4/14/73	91.5(5)	229.5	
												5/14/73	92.0(5)	229.0	
												6/14/73	79.0(5)	232.0	
												7/14/73	89.0(5)	223.0	
												8/14/73	90.0(5)	221.0	
												9/14/73	91.0(5)	220.0	
015/11W-07N01 S	19		370.0	10/01/72	200.5(5)	169.5	1101	015/11W-10H01 S	19		325.0	11/08/72	101.6(8)	223.4	1101
				11/01/72	204.5(5)	165.5						4/11/73	79.9(8)	245.1	
				12/01/72	196.5(5)	173.5									
				1/01/73	194.5(5)	175.5									
				2/01/73	194.5(5)	175.5									
				3/01/73	192.5(5)	177.5									
				4/01/73	192.5(5)	177.5									
				5/01/73	192.5(5)	177.5									
				6/01/73	193.5(5)	176.5									
				7/01/73	198.5(5)	171.5									
				8/01/73	200.5(5)	169.5									
				9/01/73	200.5(5)	169.5									
015/11W-07N02 S	19		365.0	10/01/72	213.5(5)	151.5	1101	015/11W-10N04 S	19		310.0	10/20/72	90.0(5)	220.0	1101
				1/01/73	179.5(5)	185.5						11/20/72	89.0(5)	221.0	
				2/01/73	179.5(5)	185.5						12/15/72	89.0(5)	221.0	
				3/01/73	177.5(5)	187.5						1/11/73	85.0(5)	225.0	
				4/01/73	175.5(5)	189.5						2/15/73	86.0(5)	224.0	
				5/01/73	182.5(5)	182.5						3/15/73	83.0(5)	227.0	
				6/01/73	178.5(5)	186.5						4/15/73	82.0(5)	228.0	
				7/01/73	185.5(5)	179.5						5/15/73	73.0(5)	237.0	
				8/01/73	185.5(5)	179.5						6/15/73	84.0(5)	226.0	
				9/01/73	186.5(5)	178.5						7/15/73	80.0(5)	230.0	
												8/15/73	95.0(5)	225.0	
												9/15/73	86.0(5)	224.0	
015/11W-08A03 S	19		378.0	10/04/72	178.2(5)	199.8	5062	015/11W-10N05 S	19		310.0	10/20/72	87.0(5)	223.0	1101



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01
015/11W-10P02 S 19			326.0	4/04/73	95.2	230.8	1101	015/11W-14F02 S 19			324.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	98.0(5) 97.0(5) 102.0(5) 103.0(5) 102.0(5) 92.0(5) 84.0(5) 81.0(5) 83.0(5) 86.0(5) 89.0(5) 89.0(5)	226.0 227.0 222.0 221.0 222.0 232.0 240.0 241.0 241.0 238.0 235.0 235.0	1101
015/11W-10P03 S 19			326.5	10/25/72 11/13/72 1/08/73 2/22/73 3/05/73 4/02/73 5/01/73 6/29/73 7/31/73 9/11/73	100.5 99.8 98.8 74.3 71.4 70.9 74.0 79.7 83.4 87.8	226.0 226.7 227.7 252.2 255.1 255.6 252.5 246.8 243.1 238.7	1101	015/11W-14F04 S			325.0	6/15/73	NM-0		1101
015/11W-11P01 S 19			300.0	11/14/72 1/22/73 3/20/73	75.0 74.4 64.3	225.0 225.6 235.7	1101	015/11W-14K01 S 19			315.0	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73 4/03/73 5/07/73 6/01/73 7/09/73 8/03/73 9/12/73	93.2 94.1 94.5 94.0 92.2 76.0 67.5 73.6 74.8 76.8 79.0 81.7	221.8 220.9 220.5 221.0 222.4 239.0 247.5 241.4 240.2 238.2 236.0 233.1	1101
015/11W-11C04 S 19			355.0	10/05/72 11/01/72 12/06/72 1/04/73 2/07/73 3/07/73 4/04/73 5/02/73 6/06/73 7/05/73 8/01/73 9/05/73	136.9(5) 143.9(1) 134.9(5) 131.9(5) 138.9(5) 129.9(5) 118.9(5) 117.9(5) 119.9(5) 122.9(5) 126.9(5) 129.9(5)	218.1 211.1 220.1 223.1 216.1 225.1 236.1 237.1 235.1 232.1 228.1 225.1	5062	015/11W-14M04 S 19			324.5	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	102.0 102.0 101.0 101.0 101.0 90.0 82.0 83.0 83.0 84.0 89.0 89.0	222.5 222.5 223.5 223.5 223.5 234.5 242.5 241.5 241.5 240.5 235.5 235.5	1101
015/11W-11F04 S 19			337.0	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/14/73 4/03/73 5/16/73 6/06/73 7/18/73 8/08/73 9/19/73	108.4 111.4 110.6 110.5 103.3 93.7 87.9 86.2 86.8 91.2 93.8 98.7	228.6 225.6 226.4 226.5 233.7 243.3 249.1 250.8 250.2 245.8 243.2 238.3	1733	015/11W-15C02 S 19			318.0	10/25/72 11/13/72 1/08/73 3/05/73 4/02/73 5/01/73 6/29/73 7/31/73	90.1 90.7 92.4 86.3 71.1 78.0 76.1 78.2	227.4 227.3 225.0 231.7 246.9 240.0 241.4 239.4	1101
015/11W-11L03 S 19			339.0	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73 4/03/73 5/07/73 6/01/73 7/06/73 8/03/73 9/12/73	114.4 115.7 115.0 115.0 114.0 103.6 94.0 92.4 91.6 94.6 97.9 102.5	224.6 223.3 224.0 224.0 225.0 235.4 245.0 246.6 247.4 244.4 241.1 236.5	1101	015/11W-16A01 S			292.4	11/13/72 4/03/73	63.3 57.3	229.1 235.1	1101
015/11W-12A01 S 19			377.7	3/12/73 4/07/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	131.7 114.7 125.7 126.5 131.7(4) 136.9(4) 142.3(4)	246.0 263.0 252.0 251.2 246.0 240.8 235.4	1101	015/11W-16F01 S			296.0	11/10/72 4/03/73	82.8 70.2	213.2 225.4	1101
015/11W-12P01 S 19			334.4	3/05/73 4/03/73 8/17/73	101.6 78.4 91.4	232.8 256.0 243.0	1101	015/11W-16N01 S			285.0	10/31/72 11/30/72 12/29/72 1/31/73 2/28/73 3/29/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	69.0(5) 69.0(5) 72.0(5) 69.0(5) 67.0(5) 62.0(5) 63.0(5) 66.0(5) 67.0(5) 68.0(5) 69.0(5) 69.0(5)	216.0 216.0 213.0 216.0 218.0 223.0 222.0 219.0 218.0 217.0 216.0 216.0	1101
015/11W-12G01 S 19			359.2	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/07/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	137.5 138.8 137.0 136.5 134.5 122.0 93.5 108.8 109.8 113.8 119.0 124.2	221.7 220.4 222.2 222.7 224.7 237.2 265.7 250.4 249.4 245.4 240.2 235.0	1101	015/11W-17R02 S 19			314.6	11/10/72 4/04/73	76.3 78.3	238.3 236.3	1101
015/11W-12J01 S 19			370.7	10/04/72 12/06/72 1/17/73 2/07/73 3/21/73 4/02/73 5/02/73 6/13/73 7/04/73 8/15/73 9/05/73	148.4 145.6 145.2 145.5 117.1 117.1 116.5 118.9 122.7 129.5 132.0	222.3 225.1 225.5 225.2 253.6 253.6 254.2 251.8 248.0 241.2 238.7	1733	015/11W-17R05 S 19			313.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	129.0(5) 137.0(5) 137.0(5) 137.0(5) 127.0(5) 122.0(5) 115.0(5) 132.0(5) 122.0(5) 122.0(5) 127.0(5) 127.0(5)	184.0 176.0 176.0 176.0 186.0 191.0 198.0 181.0 191.0 191.0 186.0 186.0	1101
015/11W-12J03 S			367.0	1/11/73 7/20/73	NM-0 NM-0		1101	015/11W-18A04 S 19			325.0	10/14/72 11/14/72 12/14/72 1/14/73 2/07/73 3/14/73 4/14/73 5/14/73 6/21/73 7/14/73 8/14/73 9/14/73	151.5(5) 152.5(5) 141.5(5) 145.5(5) 144.5(5) 137.5(5) 142.5(5) 143.5(5) 152.5(1) 151.5(5) 152.5(5) 151.5(5)	173.5 172.5 183.5 179.5 180.5 187.5 182.5 181.5 172.5 173.5 172.5 173.5	1101
015/11W-12J07 S 19			368.0	10/05/72 11/10/72 12/08/72	147.5(2) 149.0(2) 145.5(2)	220.5 219.0 222.5	1101	015/11W-18A05 S 19			323.0	10/14/72 11/14/72 12/14/72	139.5(1) 138.5(1) 146.0(5)	183.5 184.5 177.0	1101
015/11W-12R01 S 19			352.0	11/14/72 4/02/73	127.2 99.3	224.8 252.7	1101								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01
015/11W-18A05 S 19 (CONTINUEO)			323.0	1/07/73 2/21/73 3/07/73 4/14/73 5/14/73 6/21/73 7/14/73 8/28/73 9/21/73	146.5(5) 142.5(5) 141.5(5) 159.5(1) 158.5(1) 163.0(1) 168.5(1) 149.5(5) 147.5(5)	176.5 180.5 181.5 163.5 164.5 160.0 154.5 173.5 175.5	1101	015/11W-20N01 S 19 (CONTINUEO)			244.8	11/08/72 12/20/72 1/10/73 2/21/73 3/14/73 4/03/73 5/16/73 6/06/73 7/18/73 8/08/73 9/19/73	25.7 26.2 26.5 26.6 26.6 26.7 26.6 26.7 26.8 26.8 27.0 27.2	219.1 218.6 218.7 218.7 218.7 218.1 218.1 218.1 218.1 218.4 217.8	1733
015/11W-18H01 S 19			321.0	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/16/73 4/03/73 5/16/73 6/06/73 8/08/73 9/19/73	104.2 103.9 103.2 105.7 102.8 103.2 102.7 104.1 107.9(14) 106.2(7) 106.2(4)	216.8 217.1 217.8 215.3 218.2 217.8 218.3 216.9 213.1 214.8 214.8	1733	015/11W-21D02 S 19			272.4	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/16/73 4/03/73 5/16/73 6/06/73 7/18/73 8/08/73 9/19/73	51.7 52.5 53.9 54.6 55.5 55.7 55.7 54.9 54.9 53.9 53.8 53.8	220.7 218.5 217.9 217.5 216.7 216.7 216.7 217.7 217.7 218.1 218.4 217.8	1733
015/11W-18K01 S 19			330.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	147.0(5) 146.0(5) 142.0(5) 142.0(5) 140.0(5) 138.0(5) 140.0(5) 143.0(5) 143.0(5) 140.0(5) 147.0(5) 145.0(5)	183.0 184.0 188.0 188.0 190.0 192.0 190.0 187.0 187.0 190.0 183.0 185.0	1101	015/11W-21D05 S			268.2	10/25/72 11/13/72 4/02/73 5/07/73	NM-3 NM-3 NM-0 DMY	110	
015/11W-19F01 S 19			272.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	100.0(5) 103.0(5) 98.0(5) 95.0(5) 94.0(5) 92.0(5) 95.0(5) 96.0(5) 98.0(5) 105.0(5) 103.0(5) 100.0(5)	172.0 169.0 174.0 177.0 178.0 180.0 177.0 176.0 174.0 167.0 169.0 172.0	1101	015/11W-21G01 S 19			286.0	10/31/72 11/30/72 12/29/72 1/31/73 2/28/73 3/29/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	66.5(5) 66.5(5) 66.5(5) 67.5(5) 66.5(5) 63.5(5) 60.5(5) 59.5(5) 59.5(5) 60.5(5) 60.5(5) 61.5(5)	219.5 219.5 219.5 218.5 219.5 222.5 225.5 228.5 228.5 228.5 228.5 224.5	110
015/11W-19M01 S 19			279.5	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	99.5(5) 94.5(5) 93.5(5) 93.5(5) 94.5(5) 93.5(5) 95.5(5) 96.5(5) 96.5(5) 101.5(5) 104.5(5) 100.5(5)	180.0 185.0 186.0 186.0 185.0 186.0 184.0 183.0 183.0 178.0 175.0 179.0	1101	015/11W-21G07 S 19			284.0	10/31/72 11/30/72 12/29/72 1/31/73 2/28/73 3/29/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	75.0(5) 75.0(5) 74.0(5) 73.0(5) 70.0(5) 69.0(5) 61.0(5) 63.0(5) 67.0(5) 68.0(5) 70.0(5) 70.0(5)	209.0 209.0 210.0 211.0 214.0 222.0 223.0 221.0 217.0 218.0 214.0 214.0	1101
015/11W-19001 S 19			247.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	59.0(5) 55.0(5) 58.0(5) 54.0(5) 53.0(5) 51.0(5) 53.0(5) 53.0(5) 55.0(5) 57.0(5) 63.0(5) 57.0(5)	188.0 192.0 189.0 193.0 194.0 196.0 194.0 194.0 192.0 190.0 184.0 190.0	1101	015/11W-21H01 S 19			283.0	12/29/72 1/31/73 2/28/73 3/29/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	70.5(5) 68.5(5) 59.5(5) 50.5(5) 49.5(5) 72.5(5) 63.5(5) 64.5(5) 67.5(5) 67.5(5)	212.5 222.5 223.5 222.5 213.5 218.5 219.5 218.5 215.5 215.5	1101
015/11W-19801 S 19			243.6	11/13/72 4/03/73	23.7 24.2	219.9 219.4	1101	015/11W-21K01 S 19			390.0	10/04/72 11/06/72 12/14/72 1/12/73 2/08/73 3/09/73 4/03/73 5/10/73 6/01/73 7/12/73 8/22/73 9/06/73	159.0 180.4 180.4 181.0 162.5 161.5 157.6 154.0 151.7 151.1 153.0 153.0	231.0 224.0 229.1 229.0 227.5 228.5 232.4 236.0 238.4 238.4 237.0 237.0	1101
015/11W-20G02 S 19			256.5	10/25/72 11/13/72 1/08/73 2/22/73 3/05/73 4/02/73 5/07/73 6/01/73 7/31/73 9/11/73	29.4 29.8 30.8 31.5 31.4 31.6 32.0 32.0 32.2 32.5	227.1 226.7 225.7 225.0 225.1 224.9 224.5 224.5 224.3 224.0	1101	015/11W-21001 S 19			271.0	10/31/72 11/30/72 12/29/72 1/31/73 2/28/73 3/29/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	54.5(5) 56.5(5) 55.5(5) 55.5(5) 54.5(5) 52.5(5) 47.5(5) 47.5(5) 48.5(5) 48.5(5)	216.5 214.5 215.5 215.5 216.5 218.5 223.5 223.5 222.5 222.5	1101
015/11W-20L01 S 19			257.0	10/31/72 11/30/72 12/29/72 1/31/73 2/28/73 3/29/73 4/30/73 5/31/73 6/29/73 7/31/73 8/31/73 9/28/73	56.5(5) 55.5(5) 54.5(5) 53.5(5) 52.5(5) 50.5(5) 49.5(5) 52.5(5) 54.5(5) 55.5(5) 55.5(5) 56.5(5)	200.5 201.5 202.5 203.5 204.5 206.5 207.5 204.5 202.5 201.5 201.5 200.5	1101	015/11W-22F02 S 19			292.6	6/27/73 7/18/73 8/29/73 9/19/73	63.0 63.5 64.9 64.9	229.6 229.1 227.7 227.7	1733
015/11W-20ND1 S 19			244.8	10/18/72	25.3	219.5	1733	015/11W-23H03 S 19			297.0	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73	76.3 78.1 77.7 77.5 76.7 52.9	220.7 218.9 219.3 219.5 220.7 246.1	1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01
015/11W-23K03 5 19 (CONTINUED)			297.0	4/02/73 5/07/73 6/01/73 7/09/73 8/02/73 9/11/73	42.2 60.7 62.1 64.0 65.1 57.8	254.8 236.3 234.9 233.0 231.9 239.2	1101	015/11W-26601 5 19 (CONTINUED)			284.0	8/15/73 9/15/73	62.5(5) 61.5(5)	221.5 222.5	1101
015/11W-24F01 5 19			314.0	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	95.0 94.1 95.6 97.5 94.0 87.5 81.2 82.9 77.0 77.8 79.3 81.5	219.0 219.9 218.4 216.5 220.0 226.5 232.8 231.1 237.0 236.2 234.7 232.5	1101	015/11W-26R05 5 19 (CONTINUED)			291.0	10/11/72 11/01/72 12/13/72 1/03/73 2/14/73 3/07/73 4/02/73 5/09/73 6/20/73 7/11/73 8/01/73 9/12/73	70.1 71.0 70.7 70.4 70.4 68.6 64.8 60.9 59.8 60.0 60.1 60.2	220.4 220.0 220.3 220.6 220.6 222.4 226.2 230.1 231.2 231.0 230.9 230.8	1733
015/11W-24004 5 19			317.5	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	94.5 95.5 94.5 94.0 94.0 90.3 89.0 81.5 83.3 81.3 82.2 84.0(1)	223.0 222.0 223.0 223.5 223.5 227.2 228.5 236.0 234.2 236.2 235.3 233.5	1101	015/11W-27H05 5 19			291.0	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73 4/03/73 5/07/73 6/01/73 7/02/73 8/03/73 9/11/73	77.6 80.0 74.0 73.5 73.5 68.1 63.2 66.8 62.0 63.1 63.4 63.2	213.4 211.0 217.0 217.5 217.5 222.9 227.8 224.2 229.0 227.4 227.6 227.8	1101
015/11W-24008 5 19			315.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	101.5(5) 98.5(5) 98.5(5) 96.5(5) 95.5(5) 95.5(5) 85.5(5) 87.5(5) 83.5(5) 91.5(5) 90.5(5) 88.5(5)	213.5 216.5 216.5 218.5 219.5 219.5 229.5 227.5 231.5 223.5 224.5 226.5	1101	015/11W-27003 5			280.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	62.5 62.5 61.5 61.5 61.5 58.5 54.5 50.5 49.5 51.5 52.5 52.5	217.5 217.5 218.5 218.5 218.5 221.5 225.5 229.5 230.5 228.5 227.5 227.5	1101
015/11W-25001 5 19			297.0	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	72.4 72.5 71.1 70.2 70.2 64.1 60.1 56.5 57.3 59.6 58.9 60.3	224.6 224.5 225.9 226.8 226.8 232.9 236.9 240.5 239.7 237.4 238.1 236.7	1101	015/11W-28R01 5 19			266.0	10/18/72 11/08/72 12/15/72 1/10/73 2/15/73 3/14/73 4/03/73 5/15/73 6/06/73 7/15/73 8/08/73 9/15/73	51.4 52.2 52.0(5) 52.6 41.0(5) 51.2 49.6 50.0(5) 46.0 53.0(5) 46.2 57.0(5)	214.6 213.8 214.0 213.4 225.0 214.8 216.4 216.0 220.0 213.0 219.8 209.0	1733
015/11W-25001 5 19			305.0	10/11/72 11/01/72 12/13/72 1/03/73 2/14/73 3/07/73 4/02/73 5/09/73 6/20/73 7/11/73 8/01/73 9/12/73	77.2 78.2 79.0 79.1 79.5 79.7 77.0 73.9(4) 71.6 72.1 72.1 72.5	227.8 226.8 226.0 225.9 225.5 225.3 228.0 231.1 233.4 232.9 232.9 232.5	1733	015/11W-28002 5 19			272.0	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/14/73 4/03/73 5/16/73 6/06/73 7/18/73 8/08/73 9/19/73	57.7 58.3 58.3 58.4 57.9 57.1 55.8 53.8 53.4 53.6 53.8 53.9	214.3 213.7 213.7 213.5 214.1 214.9 216.2 218.2 218.6 218.4 218.2 218.1	1733
015/11W-26R01 5 19			290.0	10/10/72 11/10/72 12/13/72 1/08/73 2/13/73 3/12/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	69.6 70.8 70.2 68.4 68.6 59.5 53.5 54.8 55.4 56.9 57.3 56.7	220.4 219.2 219.8 221.6 221.4 230.5 236.5 235.2 234.6 233.1 232.7 233.3	1101	015/11W-28M03 5 19			255.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	45.0(5) 45.0(5) 45.0(5) 44.0(5) 44.0(5) 43.0(5) 43.0(5) 41.0(5) 41.0(5) 41.0(5) 40.0(5) 40.0(5)	210.0 210.0 210.0 211.0 211.0 212.0 212.0 214.0 214.0 214.0 215.0 215.0	1101
015/11W-26002 5 19			295.0	11/16/72 1/09/73 3/12/73 5/08/73 7/05/73 9/04/73	89.5(1) 86.5(1) 63.5 60.0 71.5(1) 74.5(1)	205.5 208.5 231.5 235.0 223.5 220.5	1101	015/11W-28R01 5 19			257.6	10/23/72 11/27/72 12/26/72 1/22/73 2/26/73 3/26/73 4/23/73 5/28/73 6/25/73 7/23/73 8/27/73 9/24/73	43.9 44.5 44.4 44.2 43.8 41.8 39.3 37.6 37.3 37.2 37.5 37.3	213.7 213.1 213.2 213.4 213.8 215.8 218.3 220.0 220.3 220.4 220.1 220.3	1733
015/11W-26601 5 19			284.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73	71.5(5) 70.5(5) 72.5(5) 69.5(5) 68.5(5) 67.5(5) 59.5(5) 60.5(5) 59.5(5) 61.5(5)	212.5 213.5 211.5 214.5 215.5 216.5 224.5 223.5 224.5 222.5	1101	015/11W-29R03 5 19			253.5	10/20/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73	46.5 45.5 44.5 42.5 40.5 41.5 41.5 41.5	207.0 208.0 209.0 211.0 213.0 212.0 212.0 212.0	1101

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GARBIEL RIVER HYORO UNIT SAN GARBIEL VALLEY HYORO SUBUNIT MAIN SAN GARBIEL HYORO SUBAREA							U-05 U-05.0 U-05.01	LA-SAN GARBIEL RIVER HYORO UNIT SAN GARBIEL VALLEY HYORO SUBUNIT MAIN SAN GARBIEL HYORO SUBAREA							U-05 U-05.0 U-05.01
015/11W-29R03 5 19 (CONTINUED)			253.5	8/15/73 9/15/73	43.5 41.5	210.0 212.0	1101	015/11W-30001 5 19			223.7	4/03/73	15.5	208.2	1101
015/11W-29002 5			241.0	11/10/72 12/20/72 4/03/73	NM-9 OPY OPY		1101	015/11W-30R02 5 19			230.0	10/24/72 11/28/72 3/27/73 4/24/73 6/25/73 7/23/73	25.5 25.5 24.0 21.6 23.3 23.0	204.5 204.5 206.0 208.4 206.7 207.0	1101
015/11W-30R01 5 19			236.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	54.0(5) 43.0(5) 43.0(5) 49.0(5) 45.0(5) 40.0(5) 43.0(5) 42.0(5) 43.0(5) 51.0(5) 56.0(5) 44.0(5)	182.0 193.0 193.0 187.0 191.0 196.0 193.0 194.0 193.0 185.0 180.0 192.0	1101	015/11W-31C01 5 19			214.0	11/10/72 4/03/73	23.3 18.5(4)	190.7 195.5	1101
015/11W-30R02 5 19			230.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	54.0(5) 43.0(5) 43.0(5) 43.0(5) 42.0(5) 40.0(5) 43.0(5) 42.0(5) 43.0(5) 49.0(5) 54.0(5) 44.0(5)	176.0 187.0 187.0 187.0 188.0 190.0 187.0 188.0 187.0 181.0 176.0 186.0	1101	015/11W-31R01 5 19			206.0	11/10/72 4/03/73	12.3 12.8	193.7 193.2	1101
015/11W-30R03 5 19			233.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	53.5(5) 44.5(5) 44.5(5) 44.5(5) 44.5(5) 43.5(5) 44.5(5) 44.5(5) 46.5(5) 54.5(5) 61.5(5) 47.5(5)	179.5 188.5 188.5 188.5 188.5 189.5 188.5 188.5 186.5 178.5 171.5 185.5	1101	015/11W-31R02 5 19			200.0	11/10/72 4/03/73	6.7 7.0	193.3 193.0	1101
015/11W-30E03 5 19			230.0	10/09/72 11/06/72 12/11/72 1/15/73 2/12/73 3/12/73 4/16/73 5/14/73 6/11/73 7/09/73 8/06/73 9/10/73	55.0(5) 51.0(5) 45.0(5) 45.0(5) 43.0(5) 44.0(5) 44.0(5) 44.0(5) 46.0(5) 51.0(5) 51.0(5) 50.0(5)	175.0 179.0 185.0 185.0 187.0 186.0 186.0 186.0 184.0 179.0 179.0 180.0	1101	015/11W-32R01 5 19			230.5	11/20/72	26.0	204.5	1101
015/11W-30F01 5 19			234.5	10/10/72 11/06/72 12/11/72 1/17/73 2/12/73 3/12/73 4/09/73 5/14/73 6/18/73 7/16/73 8/13/73 9/10/73	54.0(5) 50.0(5) 45.0(5) 44.0(5) 41.0(5) 40.0(5) 41.0(5) 43.0(5) 47.0(5) 50.0(5) 52.0(5) 49.0(5)	180.5 184.5 189.5 190.5 193.5 194.5 193.5 191.5 187.5 184.5 182.5 185.5	1101	015/11W-32R05 5 19			231.9	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/14/73 4/03/73 5/16/73 6/06/73 7/18/73 8/08/73 9/19/73	29.0 29.0 27.4 27.2 26.2 25.8 25.3 24.5 24.1 24.4 24.4(4) 24.7(4)	202.4 202.9 204.5 204.7 205.7 206.1 206.6 207.4 207.9 207.5 207.5 207.2	1101
015/11W-30F03 5 19			230.0	10/09/72 11/06/72 12/11/72 1/15/73 2/12/73 3/12/73 4/16/73 5/14/73 6/11/73 7/09/73 8/06/73 9/10/73	55.0(5) 51.0(5) 45.0(5) 45.0(5) 43.0(5) 44.0(5) 44.0(5) 44.0(5) 46.0(5) 51.0(5) 51.0(5) 50.0(5)	175.0 179.0 185.0 185.0 187.0 186.0 186.0 186.0 184.0 179.0 179.0 180.0	1101	015/11W-32R06 5 19			220.5	10/24/72 11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/20/73	23.8 21.6 19.9 20.2 18.0 17.3 17.8 17.5 18.1 17.9 20.5(4) 18.1	196.7 198.4 200.6 200.3 202.5 203.2 202.7 203.0 202.4 202.6 202.6 200.0 202.4	1101
015/11W-30F01 5 19			234.5	10/10/72 11/06/72 12/11/72 1/17/73 2/12/73 3/12/73 4/09/73 5/14/73 6/18/73 7/16/73 8/13/73 9/10/73	54.0(5) 50.0(5) 45.0(5) 44.0(5) 41.0(5) 40.0(5) 41.0(5) 43.0(5) 47.0(5) 50.0(5) 52.0(5) 49.0(5)	180.5 184.5 189.5 190.5 193.5 194.5 193.5 191.5 187.5 184.5 182.5 185.5	1101	015/11W-32R02 5 19			223.4	11/17/72 4/10/73	21.7 18.6	201.7 204.8	1101
015/11W-30F03 5 19			230.0	10/11/72 11/06/72 12/11/72 1/15/73 2/12/73 3/12/73 4/17/73 5/14/73 6/18/73 7/16/73 8/13/73 9/10/73	49.5(5) 48.5(5) 39.5(5) 39.5(5) 39.5(5) 38.5(5) 37.5(5) 40.5(5) 49.5(5) 52.5(5) 53.5(5) 50.5(5)	180.5 181.5 190.5 190.5 190.5 191.5 192.5 189.5 180.5 177.5 176.5 179.5	1101	015/11W-32R03 5 19			226.0	5/07/73	22.5	203.5	1101
015/11W-30M02 5 19			229.0	10/09/72 11/06/72 12/12/72 1/15/73 2/12/73 3/12/73 4/09/73 5/14/73 6/18/73 7/16/73 8/13/73 9/10/73	51.0(5) 49.0(5) 43.0(5) 43.0(5) 40.0(5) 38.0(5) 41.0(5) 43.0(5) 47.0(5) 45.0(5) 48.0(5) 46.0(5)	178.0 180.0 186.0 186.0 189.0 191.0 188.0 186.0 182.0 184.0 181.0 183.0	1101	015/11W-33G01 5 19			245.0	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/14/73 4/02/73 5/07/73 6/01/73 7/09/73 8/03/73 9/11/73	32.9 32.8 31.5 31.5 30.8 30.4 29.5 27.6 27.0 26.7 26.7 26.9	212.1 212.2 213.5 213.5 214.2 214.6 215.5 217.4 218.0 218.3 218.3 218.1	1101
015/11W-30M02 5 19			225.0	11/10/72 4/03/73	42.3 32.5	182.7 192.5	1101	015/11W-33G04 5 19			246.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	40.5 39.5 35.5 36.5 35.5 33.5 30.5 30.5 31.5 33.5 36.5 41.5	205.5 206.5 210.5 209.5 210.5 212.5 215.5 215.5 214.5 212.5 209.5 204.5	1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL VALLEY HYDRO SUBAREA							
U-05 U-05.0 U-05.01								U-05 U-05.0 U-05.01							
015/11W-33K01	5	19	237.0	11/14/72 4/03/73	32.2(6) 26.3	204.8 210.7	1101	015/11W-36001	5	19	296.5	3/07/73 4/02/73 5/09/73 6/20/73 7/11/73 8/01/73 9/12/73	54.2 58.7 54.1 54.1 54.2 54.5 54.8	242.3 237.4 242.4 242.4 242.3 242.0 241.7	1733
015/11W-33L01	5	19	235.0	10/18/72 11/08/72 12/20/72 1/10/73 2/21/73 3/14/73 4/03/73 5/16/73 6/06/73 7/18/73 8/08/73 9/19/73	27.3 26.4 24.8 24.7 23.9 23.7 23.3 22.1 21.7 21.6 21.6 22.0	207.7 208.6 210.2 210.3 211.1 211.3 211.7 212.9 213.3 213.4 213.4 213.0	1733	015/12W-01F01	5	19	498.6	10/04/72 11/30/72 12/13/72 1/10/73 2/28/73 4/12/73 5/05/73 6/05/73 7/09/73 8/16/73 9/10/73	331.0(5) 329.0(5) 325.0(5) 325.0(5) 324.0(5) 324.0(5) 324.0(5) 322.0(5) 331.0(5) 333.0(5) 338.0(5)	167.4 169.4 173.6 173.6 174.6 174.6 176.6 176.6 167.4 165.4 162.4	5062
015/11W-33R01	5	19	246.0	10/23/72 11/27/72 12/26/72 1/22/73 2/26/73 3/26/73 4/23/73 5/28/73 6/25/73 7/23/73 8/27/73 9/24/73	31.8 27.8 26.9 27.2 27.2 26.9 26.2 25.4 25.4 25.2 25.3 25.8	214.2 218.2 219.1 218.8 219.1 219.8 220.6 220.6 220.8 220.7 220.7 220.2	1733	015/12W-01F02	5	19	500.0	10/04/72 11/30/72 12/13/72 1/10/73 2/28/73 3/21/73 6/28/73 7/12/73 8/16/73 9/17/73	334.2(5) 330.2(5) 325.2(5) 327.2(5) 326.2(5) 321.2(5) 332.2(5) 333.2(5) 335.2(5) 337.2(5)	165.4 169.4 174.4 172.4 173.4 174.4 167.4 165.4 164.4 162.4	5062
015/11W-34F01	5	19	248.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	45.5(5) 47.5(5) 41.5(5) 40.5(5) 38.5(5) 37.5(5) 28.5(5) 32.5(5) 30.5(5) 33.5(5) 42.5(5) 44.5(5)	202.5 200.5 206.5 207.5 209.5 210.5 219.5 215.5 217.5 214.5 205.5 203.5	1101	015/12W-02H01	5		506.7	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73	348.0(5) 344.0(5) 341.0(5) 340.0(5) 336.0(5) 336.0(5) 335.0(5) 334.0(5) 334.0(5) 334.0(5) 346.0(5)	154.7 162.7 165.7 164.7 170.7 170.7 171.7 172.7 170.7 159.7 162.7	1101
015/11W-34F02	5	19	248.0	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	49.0(5) 49.0(5) 49.0(5) 39.0(5) 38.0(5) 37.0(5) 28.0(5) 32.0(5) 31.0(5) 34.0(5) 43.0(5) 44.0(5)	199.0 199.0 199.0 209.0 210.0 211.0 220.0 216.0 217.0 214.0 205.0 204.0	1101	015/12W-02H02	5	19	518.0	10/31/72 11/30/72 12/29/72 2/01/73 3/01/73 4/02/73 5/31/73 6/30/73 7/31/73 8/31/73 9/30/73	373.0 373.0 373.0 373.0 373.0 360.0 380.0 390.0 395.0 396.0 398.0	145.0 145.0 145.0 145.0 145.0 138.0 138.0 128.0 123.0 122.0 120.0	5062
015/11W-34F03	5	19	247.5	10/20/72 11/20/72 12/15/72 1/11/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	49.5(5) 44.5(5) 37.5(5) 36.5(5) 35.5(5) 36.5(5) 26.5(6) 30.5(6) 29.5(5) 32.5(5) 37.5(5) 43.5(5)	198.0 203.0 210.0 211.0 212.0 211.0 221.0 217.0 218.0 215.0 210.0 204.0	1101	015/12W-02001	5		478.0	10/01/72 11/01/72 12/01/72 1/02/73 2/02/73 3/02/73 4/02/73 6/02/73 7/02/73 8/02/73 9/02/73	308.0 308.0 317.0 317.0(5) 312.0(5) 312.0(5) 311.0(5) 298.0(5) 307.0(5) 311.0(5)	170.0 170.0 161.0 161.0 166.0 166.0 167.0 180.0 171.0 167.0	1101
015/11W-34H01	5	19	264.0	11/10/72 12/12/72 1/04/73 2/13/73 3/12/73 4/03/73 5/03/73 6/01/73 7/06/73 8/01/73 9/11/73	28.4 29.6 36.5 26.0 26.6 25.6 23.6 22.6 23.0 22.7 23.3	235.6 234.4 227.5 238.0 237.4 238.4 240.4 241.4 241.0 241.3 240.7	1101	015/12W-03K01	5		496.5	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	355.1(5) 352.1(5) 346.1(5) 344.1(5) 344.1(5) 344.1(5) 347.1(5) 351.1(5) 349.1(5) 357.1(5) 359.1(5) 358.1(5)	141.0 144.0 150.0 152.0 152.0 149.0 145.0 147.0 139.0 137.0 138.0	1101
015/11W-34J01	5	19	257.2	4/02/73	38.5(4)	218.7	1101	015/12W-03M01	5		560.0	10/02/72 11/02/72 12/02/72 1/02/73 2/02/73 3/02/73 4/02/73 6/02/73 7/02/73 8/02/73 9/02/73	423.5(5) 423.5(5) 425.5(5) 425.5(5) 398.5(5) 402.5(5) 415.5(5) 403.5(5) 413.5(5) 425.5(5) 402.5(5)	137.4 137.4 131.4 135.4 162.4 154.4 157.4 157.4 135.4 135.4 158.4	1101
015/11W-34K02	5	19	266.0	11/22/72 4/02/73	56.7 49.1	209.3 216.9	1101	015/12W-10A01	5	19	491.0	10/09/72 11/30/72 12/07/72 1/08/73 2/28/73 3/23/73 4/10/73 5/07/73 6/04/73 7/09/73	338.0(5) 337.0(5) 333.0(5) 335.0(5) 333.0(5) 331.0(5) 333.0(5) 333.0(5) 334.0(5) 340.0(5)	193.0 154.0 154.0 154.0 154.0 140.0 154.0 154.0 157.0 151.0	5062
015/11W-36G04	5	19	289.2	11/10/72 12/13/72 1/08/73 3/12/73 4/02/73 5/07/73 6/01/73 7/02/73 8/02/73 9/11/73	61.1 61.3 63.5 63.2 61.9 59.3 58.0 57.5 56.4 56.6	228.1 227.9 225.7 226.0 227.3 229.9 231.2 231.7 232.8 232.6	1101								
015/11W-36001	5	19	296.5	10/11/72 11/01/72 12/13/72 1/03/73 2/14/73	51.1 51.8 52.7 53.1 54.1	245.4 244.7 243.8 243.4 242.4	1733								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.0 U-05.01
015/12W-10A01 S 19			491.0	8/15/73	343.0(5)	148.0	5062	015/12W-14N01 S 19			425.0	1/08/73	257.0(5)	168.0	5062
(CONTINUED)				9/13/73	338.0(5)	153.0		(CONTINUED)				2/28/73	256.0(5)	169.0	
015/12W-10F01 S 19				10/12/72	378.2	156.4	1733					3/14/73	278.0(1)	147.0	
				11/02/72	378.6	156.0						4/05/73	255.0(5)	170.0	
				12/14/72	376.2(5)	158.4	5062					5/07/73	257.0(5)	168.0	
				1/04/73	376.2(5)	158.4						6/03/73	257.0(5)	168.0	
				2/15/73	370.0(5)	164.6	1733					7/09/73	260.0(5)	165.0	
				3/09/73	371.2(5)	163.4	5062					8/14/73	264.0(5)	161.0	
			534.6	4/03/73	371.0(5)	163.6	1733					9/11/73	260.0(5)	165.0	
				5/16/73	373.2(5)	161.4	5062	015/12W-14F01 S 19			366.0	10/11/72	207.5(5)	158.5	5062
				6/07/73	367.2(1)	147.4						11/30/72	207.5(5)	163.5	
				7/12/73	373.8	160.8	1733					12/06/72	195.5(5)	170.5	
				8/02/73	378.2(5)	156.4	5062					1/12/73	197.5(5)	168.5	
				9/13/73	381.0	153.6	1733					2/28/73	195.5(5)	170.5	
015/12W-10Q01 S 19			440.0	10/10/72	278.1(5)	161.9	5062					3/07/73	193.5(5)	172.5	
				11/30/72	278.1(5)	161.9						4/06/73	193.5(5)	172.5	
				12/08/72	276.1(5)	163.9						5/16/73	195.5(5)	170.5	
				1/11/73	276.1(5)	163.9						6/02/73	200.5(5)	165.5	
				2/28/73	275.1(5)	164.9						7/07/73	209.5(5)	156.5	
				3/13/73	324.1(1)	115.9						8/15/73	216.5(5)	149.5	
				4/04/73	276.1(5)	163.9						9/09/73	207.5(5)	158.5	
				5/07/73	276.1(5)	163.9									
				6/02/73	276.1(5)	163.9		015/12W-14G01 S 19			380.0	10/11/72	219.5(5)	160.5	5062
				7/09/73	280.1(5)	159.9						11/30/72	216.5(5)	163.5	
				8/14/73	278.1(5)	161.9						12/06/72	212.5(5)	167.5	
				9/11/73	278.1(5)	161.9						1/11/73	212.5(5)	167.5	
015/12W-11D01 S 19			440.0	10/31/72	250.0	190.0	5062					2/28/73	211.5(5)	168.5	
				11/29/72	250.0	190.0						3/16/73	210.5(5)	169.5	
				12/29/72	250.0	190.0						4/03/73	210.5(5)	169.5	
				2/01/73	259.0	181.0						5/12/73	214.5(5)	165.5	
				3/01/73	259.0	181.0						6/03/73	214.5(5)	165.5	
				4/02/73	259.0	181.0						7/11/73	221.5(5)	158.5	
				5/31/73	253.0	187.0						8/13/73	223.5(5)	156.5	
				6/30/73	259.0	181.0						9/12/73	212.5(5)	167.5	
				7/31/73	262.0	178.0									
				8/31/73	263.0	177.0		015/12W-14H01 S 19			358.0	11/10/72	144.4	193.6	1101
				9/30/73	263.0	177.0						4/03/73	162.8	195.2	
015/12W-11K01 S 19			416.3	10/04/72	262.5(5)	153.8	5062								
				11/30/72	257.5(5)	158.8									
				12/12/72	253.5(5)	162.8									
				1/09/73	254.5(5)	161.8		015/12W-24F01 S 19			325.0	10/05/72	158.5(5)	168.5	5062
				2/28/73	252.5(5)	163.8						11/30/72	157.5(5)	167.5	
				3/13/73	301.5(1)	114.8						12/06/72	153.5(5)	171.5	
				4/04/73	254.5(5)	161.8						1/12/73	151.5(5)	173.5	
				5/07/73	255.5(5)	160.8						2/28/73	150.5(5)	174.5	
				6/04/73	252.5(5)	163.8						3/07/73	188.5(1)	136.5	
				7/08/73	263.5(5)	152.8						4/03/73	149.5(5)	174.5	
				8/16/73	265.5(5)	150.8						5/08/73	151.5(5)	173.5	
				9/13/73	245.5(5)	170.8						6/03/73	153.5(5)	171.5	
												7/08/73	158.5(5)	166.5	
												8/13/73	163.5(5)	161.5	
												9/13/73	163.5(5)	161.5	
015/12W-11N02 S 19			402.0	10/07/72	276.4(1)	125.6	5062	015/12W-24G02 S 19			308.0	10/14/72	154.0(5)	154.0	1101
				11/30/72	244.4(5)	157.6						11/14/72	148.0(5)	160.0	
				12/04/72	239.4(5)	162.6						12/14/72	139.0(5)	169.0	
				1/04/73	237.4(5)	164.6						1/14/73	143.0(5)	165.0	
				2/28/73	237.4(5)	164.6						2/14/73	142.0(5)	166.0	
				3/05/73	235.4(5)	166.6						3/14/73	143.0(5)	165.0	
				4/03/73	237.4(5)	164.6						4/21/73	139.0(5)	169.0	
				6/08/73	237.4(5)	164.6						5/07/73	138.0(5)	170.0	
				7/09/73	244.4(5)	157.6						6/21/73	159.0(1)	149.0	
				8/08/73	247.4	154.6						7/14/73	141.0(5)	167.0	
				9/10/73	243.4(5)	158.6						8/14/73	151.4(5)	156.4	
												9/14/73	152.0(5)	156.0	
015/12W-12C01 S 19			435.7	10/31/72	268.0	167.7	5062	015/12W-25R01 S 19			262.2	10/10/72	91.0(5)	171.2	1101
				11/30/72	264.0	171.7						11/14/72	91.0(5)	171.2	
				12/29/72	261.0	174.7						12/11/72	85.0(5)	177.2	
				2/01/73	258.0	177.7						1/15/73	85.0(5)	177.2	
				3/01/73	257.0	178.7						2/13/73	84.0(5)	178.2	
				4/02/73	248.0	187.7						3/07/73	85.0(5)	177.2	
				5/31/73	248.0	187.7						4/04/73	85.0(5)	177.2	
				6/30/73	254.0	181.7						5/14/73	84.0(5)	178.2	
				7/31/73	254.0	181.7						6/06/73	79.0(5)	183.2	
				8/31/73	256.0	179.7						7/16/73	95.0(5)	167.2	
				9/30/73	256.0	179.7						8/13/73	95.0(5)	167.2	
												9/10/73	95.0(5)	167.2	
015/12W-13R02 S 19			353.0	10/31/72	194.5	158.5	5062	015/12W-25P02 S 19			262.0	10/09/72	93.5(5)	168.5	1101
				11/30/72	194.5	158.5						11/14/72	94.5(5)	167.5	
				12/29/72	194.5	158.5						12/11/72	87.5(5)	174.5	
				2/01/73	194.5	158.5						1/15/73	86.5(5)	175.5	
				3/01/73	183.5	169.5						2/05/73	85.5(5)	176.5	
				4/02/73	183.5	169.5						3/19/73	83.5(5)	178.5	
				5/31/73	188.5	164.5						4/04/73	85.5(5)	176.5	
				6/30/73	184.5	168.5						5/14/73	88.5(5)	173.5	
				7/31/73	195.5	157.5						6/12/73	93.5(5)	168.5	
				8/31/73	195.5	157.5						7/09/73	94.5(5)	167.5	
				9/30/73	194.5	158.5						8/07/73	96.5(5)	165.5	
												9/10/73	95.5(5)	166.5	
015/12W-13H01 S 19			355.8	10/18/72	164.4	191.4	1733	015/12W-25R03 S 19			266.0	10/14/72	106.0(5)	160.0	1101





TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.D U-05.D1	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							U-05 U-05.U U-05.D1
025/10W-15H02	S	19	420.0	12/13/72 4/06/73	17.5 16.2	402.5 403.8	1101	025/11W-05G05	S	19	210.0	11/13/72 12/18/72 1/01/73 2/05/73 3/12/73 4/23/73 5/28/73 6/18/73 7/02/73 8/06/73 9/03/73	24.4 21.4 21.4(5) 21.4(5) 18.4(5) 16.4(5) 16.4(5) 17.4(5) 17.4(5) 17.4 17.4	185.6 188.6 188.6 188.6 191.6 193.6 193.6 192.6 192.6 192.6 192.6	1101
025/10W-15K01	S	19	424.0	12/13/72 4/06/73	17.2 16.2	406.8 407.8	1101	(CONTINUED)							
025/10W-15L01	S	19	421.0	12/06/72 4/06/73	16.2 14.7	404.8 406.3	1101	025/11W-05J02	S	19	215.0	11/06/72 1/09/73 3/07/73 4/03/73 5/01/73 7/02/73 9/04/73	27.5 23.5 20.5 25.0 25.0 30.0 28.5	187.5 191.5 194.5 190.0 190.0 185.0 186.5	1101
025/10W-23N01	S	19	516.0	12/06/72 4/06/73	13.5 13.4	502.5 502.6	1101	025/11W-05J03	S	19	213.0	11/06/72 1/09/73 3/09/73 5/08/73 7/03/73 9/04/73	71.5(1) 25.5(5) 18.5(5) 59.5(1) 70.5(1) 70.5(1)	141.5 187.5 194.5 153.5 142.5 142.5	1101
025/11W-01R01	S	19	291.0	11/10/72 4/04/73	50.5 48.3	240.5 242.7	1101	025/11W-05J09	S	19	214.0	11/06/72 1/09/73 3/09/73 5/08/73 7/03/73 9/04/73	28.0 48.0(1) 46.0(1) 51.0(1) 35.0 32.0	186.0 166.0 168.0 163.0 179.0 182.0	1101
025/11W-03D07	S	19	252.5	11/14/72 4/03/73	25.3 20.2	227.2 232.3	1101	025/11W-05K01	S	19	209.5	10/16/72 11/13/72 12/18/72 1/01/73 2/05/73 3/12/73 4/23/73 5/28/73 6/18/73 7/02/73 8/06/73 9/03/73	38.0 25.0 17.0 18.0(5) 17.0(5) 15.0(5) 17.0(5) 21.0(5) 31.0(5) 31.0(5) 20.0 26.0	171.5 184.5 192.5 191.5 192.5 194.5 192.5 188.5 178.5 178.5 189.5 183.5	1101
025/11W-04O03	S	19	221.0	10/24/72 11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	19.6 15.5 15.3 15.7 15.5 15.0 14.5 13.8 13.9 13.5 13.8 14.4	201.4 205.5 205.7 205.3 205.5 206.0 206.5 207.2 207.1 207.5 207.2 206.6	1101	025/11W-05K02	S	19	215.0	11/06/72 1/09/73 3/09/73 5/08/73 7/03/73 9/04/73	30.0 28.5(5) 21.5(5) 24.5(5) 28.5(5) 32.0	185.0 186.5 193.5 190.5 186.5 183.0	1101
025/11W-04M03	S	19	218.0	11/06/72 1/09/73 3/09/73 5/08/73 7/03/73 9/04/73	125.0(1) 133.0(1) 135.0(1) 125.0(1) 87.0(1) 89.0(1)	93.0 85.0 83.0 93.0 131.0 129.0	1101	025/11W-05L01	S	19	212.5	10/02/72 11/06/72 12/04/72 1/01/73 2/05/73 3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/03/73	21.0 18.5 15.7 15.4 15.1 14.1 14.0 14.3 14.2 14.9 14.7 14.9	191.5 194.0 196.8 197.1 197.4 198.4 198.5 198.2 198.3 197.6 197.8 197.6	1733
025/11W-04N01	S	19	225.0	11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	29.5 28.5 27.6 26.4 25.9 27.9 28.1 29.3 29.7 29.2(8) 28.6(8)	195.5 196.5 197.4 198.6 199.1 197.1 196.9 195.7 195.3 195.8 196.4	1101	025/11W-05N04	S	19	203.2	10/23/72 11/27/72 12/26/72 1/22/73 2/26/73 3/26/73 4/23/73 5/28/73 6/25/73 7/23/73 8/27/73 9/24/73	17.7 16.0 14.9 14.3 13.9 13.3 13.8 13.8 14.1 14.1 14.2 14.1	185.5 187.2 188.3 188.9 189.3 189.9 189.4 189.4 189.1 189.0 189.0 189.1	1733
025/11W-05R11	S	19	222.5	4/10/73	20.0	202.5	1101	025/11W-05N05	S	19	199.7	11/17/72 4/10/73	26.2 18.3	173.5 181.4	1101
025/11W-05R13	S	19	222.0	4/10/73	19.0	203.0	1101	025/11W-05N06	S	19	206.5	11/28/72 4/10/73	18.9 14.6	187.6 191.9	1101
025/11W-05E02	S	19	209.8	10/02/72 11/13/72 12/04/72 1/15/73 2/05/73 3/19/73 4/02/73 5/21/73 6/11/73 7/02/73 8/13/73 9/03/73	18.7 18.0 15.2 14.2 13.8 12.5 12.4 12.8 13.1 13.4 13.2 13.4	191.1 191.8 194.6 195.6 196.0 197.3 197.4 197.0 196.7 196.4 196.6 196.4	1733	025/11W-05G01	S	19	210.0	7/02/73 8/06/73 9/03/73	78.0(1) 75.0(1) 78.0(1)	132.0 135.0 132.0	1101
025/11W-05F03	S	19	217.0	10/24/72 11/28/72 12/27/72 1/23/73 2/26/73 3/27/73 4/24/73 5/29/73 6/25/73 7/23/73 8/27/73 9/24/73	21.0 20.5 19.3 18.1 16.2 16.3 16.3 16.5 16.5 16.6 16.9 17.0	196.0 196.5 197.7 198.9 200.8 200.7 200.7 200.5 200.5 200.4 200.3 200.1 200.0	1101	025/11W-05G02	S	19	214.0 211.0 214.0 211.0 214.0	10/16/72 11/06/72 12/18/72 1/01/73 2/05/73 3/12/73 4/30/73 5/14/73 6/04/73 7/02/73 8/06/73 9/03/73	25.0(5) 28.5 20.5 24.5(5) 21.5(5) 18.0(5) 18.0(5) 18.0(5) 24.5(5) 20.0(5) 20.0(5) 21.0(5)	189.0 182.5 190.5 186.5 189.5 196.0 196.0 196.0 186.5 194.0 194.0 193.0	1101
025/11W-05G04	S	19	211.0	7/02/73 8/06/73 9/03/73	66.5(1) 23.5 20.5	144.5 187.5 190.5	1101	025/11W-05G05	S	19	210.0	10/16/72	20.4	189.6	1101
025/11W-05G05	S	19	210.0	10/16/72	20.4	189.6	1101	025/11W-05O04	S	19	213.0	11/06/72 1/09/73 3/09/73	31.0(5) 23.0(5) 16.0(5)	182.0 190.0 197.0	1101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA							
U-05 U-05.0 U-05.01								U-05 U-05.0 U-05.01							
025/11W-05004 S 19			213.0	5/11/73	23.0 (5)	190.0	1101	025/11W-06J04 S 19			202.0	2/13/73	10.5	191.5	1101
(CONTINUED)				7/03/73	129.0 (1)	84.0		(CONTINUED)				3/12/73	9.6	192.4	
				9/04/73	135.0 (1)	78.0						4/02/73	9.5	192.5	
025/11W-05005 S 19			210.1	10/24/72	18.0	192.1	1101					5/07/73	9.6	192.4	
				11/28/72	15.2	194.9						6/01/73	8.9	193.1	
				12/27/72	14.5	195.6						7/09/73	9.7	192.3	
				1/23/73	13.0	197.1						8/01/73	9.7	192.3	
				2/26/73	13.7	196.4						9/11/73	9.3	192.7	
				3/27/73	13.0	197.1		025/11W-08A02 S 19			218.0	11/17/72	21.1 (8)	196.9	1101
				4/24/73	15.4	194.7						4/03/73	17.7	200.3	
				5/29/73	13.6	196.5									
				6/25/73	14.1	196.0									
				7/23/73	14.0	196.1		025/11W-08801 S 19			217.0	10/23/72	25.7	191.3	1733
				8/27/73	14.0	196.1						11/27/72	23.1	193.9	
				9/24/73	14.0	196.1						12/26/72	21.8	195.2	
025/11W-05006 S 19			209.3	10/24/72	17.0	192.3	1101					1/22/73	21.1	195.9	
				11/28/72	14.0	195.3						2/26/73	20.4	196.6	
				12/27/72	13.4	195.9						3/26/73	19.5	197.5	
				1/23/73	12.9	196.4						4/23/73	20.4	196.6	
				2/26/73	12.6	196.7						5/28/73	20.5	196.5	
				3/27/73	12.0	197.3						6/25/73	21.5	195.5	
				4/24/73	12.9	196.4						7/23/73	21.6	195.4	
				5/29/73	12.7	196.6						8/27/73	22.0	195.0	
				6/25/73	13.3	196.0		025/11W-08802 S 19			205.0	11/17/72	16.5	188.5	1101
				7/23/73	13.3	196.0						4/10/73	15.3	189.7	
				8/27/73	13.4	195.9						8/27/73	15.3	189.7	
				9/24/73	13.2	196.1						9/24/73	15.5	189.5	
025/11W-05R03 S 19			207.0	11/17/72	18.0	189.0	1101	025/11W-08R03 S 19			207.9	11/17/72	16.1	191.8	1101
				4/03/73	14.9	192.1						4/10/73	13.2	194.7	
025/11W-05R04 S 19			214.0	10/24/72	21.8	192.2	1101	025/11W-08C03 S 19			214.6	11/20/72	25.8	188.8	1101
				11/28/72	18.5	195.5						4/10/73	21.8	192.8	
				12/27/72	17.8	196.2		025/11W-08G01 S 19			211.0	11/17/72	19.9 (8)	191.1	1101
				1/23/73	16.9	197.1						5/07/73	16.9	194.1	
				2/26/73	16.8	197.2		LOWER CANYON HYDRO SUBAREA							
				3/27/73	16.2	197.8									
				4/24/73	17.1	196.9		01N/10W-25F02 S 19			809.0	11/29/72	63.0	746.0	1101
				5/29/73	17.3	196.7						4/10/73	58.7	750.3	
				6/25/73	17.9	196.1		01N/10W-27J01 S 19			654.4	10/12/72	156.6	497.8	1733
				7/23/73	17.9	196.1						11/02/72	157.0	498.4	
				8/27/73	18.0	196.0						12/14/72	168.0	486.4	
				9/24/73	17.7	196.3						1/04/73	169.7	484.7	
025/11W-06A01 S 19			209.6	10/24/72	13.9	195.7	1101					2/15/73	172.6	481.8	
				11/28/72	12.4	197.2						3/08/73	163.1	491.3	
				12/27/72	11.7	197.9						4/02/73	144.9	509.5	
				1/23/73	10.6	199.0						5/10/73	129.0	525.4	
				2/26/73	9.6	200.0						6/21/73	115.0	539.4	
				3/27/73	9.1	200.5						7/12/73	114.8	539.6	
				4/24/73	9.7	199.9						8/02/73	115.4	539.0	
				5/29/73	9.6	200.0						9/13/73	117.7	536.7	
				6/25/73	10.1	199.5		01N/10W-27K02 S 19			647.8	11/02/72	153.3	494.5	1733
				7/23/73	10.2	199.4						12/14/72	169.3	478.5	
				8/27/73	10.3	199.3						1/04/73	171.4	476.4	
				9/24/73	10.1	199.5						2/15/73	170.3	477.5	
025/11W-06A02 S 19			210.0	10/24/72	16.3	193.7	1101					3/08/73	158.3	489.5	
				11/27/72	14.7	195.3						4/02/73	138.6	509.2	
				12/27/72	13.5	196.5						5/10/73	125.3	522.5	
				1/23/73	12.8	197.2						6/21/73	113.5	534.3	
				2/26/73	11.7	198.3						7/12/73	113.0	534.8	
				3/27/73	11.2	198.8						8/02/73	113.4	534.4	
				4/24/73	11.8	198.2						9/13/73	114.2	533.6	
				5/29/73	11.9	198.1		01N/10W-27K03 S 19			656.9	10/11/72	114.1	542.8	1101
				6/25/73	12.8	197.2						11/06/72	115.9	541.0	
				7/23/73	12.3	197.7						12/01/72	107.7	549.2	
				8/27/73	12.4	197.6						1/03/73	92.4	564.5	
				9/24/73	12.3	197.7						3/19/73	32.8	624.1	
025/11W-06R01 S 19			203.0	11/10/72	11.6	191.4	1101					4/02/73	26.8	630.1	
				4/03/73	10.6	192.4						5/07/73	28.7	628.2	
025/11W-06G08 S 19			197.0	10/10/72	7.6	189.4	1101					6/04/73	30.0	626.9	
				11/10/72	7.6	189.4						7/31/73	47.9	609.0	
				12/13/72	7.4	189.6						9/12/73	56.8	600.1	
				1/08/73	7.7	189.3		01N/10W-27K04 S 19			655.0	11/06/72	127.9	527.1	1101
				2/13/73	7.3	189.7						10/11/72	DRY		
				4/03/73	7.5	189.5						11/06/72	DRY		
				6/01/73	7.4	189.6						12/01/72	DRY		
				8/03/73	7.5	189.5						1/03/73	DRY		
				9/11/73	7.5	189.5						3/19/73	DRY		
025/11W-06H02 S 19			207.7	10/24/72	16.9	190.8	1101					4/02/73	DRY		
				11/28/72	16.3	191.4						6/01/73	DRY		
				12/27/72	13.5	194.2						7/31/73	DRY		
				1/23/73	12.7	195.0						9/12/73	DRY		
				2/26/73	10.3	197.4		01N/10W-27P01 S 19			625.0	11/06/72	159.0	466.0	1101
				3/27/73	11.4	196.3						4/02/73	128.1	496.9	
				4/24/73	12.0	195.7									
				5/29/73	11.9	195.8									
				6/25/73	12.0	195.7									
				7/23/73	13.5	194.2									
				8/27/73	12.5	195.2									
				9/24/73	12.4	195.3		01N/10W-28M01 S 19			603.4	1/03/73	130.3	473.1	1101
025/11W-06J04 S 19			202.0	10/10/72	14.3	187.7	1101					2/15/73	127.0	476.4	
				11/10/72	14.4	187.6						3/19/73	113.0	490.4	
				12/13/72	13.1	188.9						4/02/73	112.2	491.2	



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT LOWER CANYON HYDRO SUBAREA							U-05 U-05.D U-05.02	LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT UPPER CANYON HYDRO SUBAREA							U-05 U-05.0 U-05.03
01N/10W-29A03	5	19	631.9	6/01/73 7/01/73 8/01/73 9/01/73	31.0 32.0(5) 33.0(5) 32.0(5)	600.9 599.9 598.9 599.9	1101	01N/10W-27C03	5	19	(CONTINUED)	4/02/73 5/07/73 6/04/73 7/31/73 9/12/73	30.3 24.4 22.6 26.9 33.4	636.7 642.6 644.4 640.1 633.6	1101
01N/10W-29K01	5	19	591.2	10/12/72 11/02/72 12/14/72 1/04/73 2/15/73 3/08/73 4/02/73 5/10/73 6/21/73 7/12/73 8/02/73 9/13/73	125.3 127.3 129.8 79.3 51.5(4) 40.6 43.9(4) 40.5 47.3(4) 43.8 44.3 46.2	465.9 463.9 461.4 511.9 539.7 550.6 547.3 550.7 543.9 547.4 546.9 545.0	1733	01N/10W-27F01	5	19	662.9	10/11/72 11/06/72 12/01/72 1/03/73 3/19/73 4/02/73 5/07/73 6/04/73 7/31/73 9/12/73	87.4 89.3 90.7 89.7 84.6 82.2 77.7 74.8 71.5 70.2	575.5 573.6 572.2 573.2 578.3 580.7 585.2 588.1 591.4 592.7	1101
035/15W-01R01	5		112.3	10/25/72 11/29/72 12/27/72 1/31/73 2/28/73 3/28/73 4/11/73 5/30/73 6/28/73 7/25/73 8/29/73 9/28/73	113.7 110.2 109.8 111.9 111.3 110.8 109.8 107.4 107.4 107.6 107.6 107.3	-1.4 2.1 2.5 0.4 1.0 1.5 2.5 4.9 4.9 4.7 4.7 5.0	1101	01N/10W-27G03	5	19	661.7	11/06/72 3/19/73 4/02/73 6/01/73 7/13/73 9/12/73	84.5 54.8 36.4 39.7 54.1 68.5	577.2 606.9 625.3 622.0 607.6 593.2	1101
UPPER CANYON HYDRO SUBAREA							U-05.D3	01N/10W-27H01	5	19	669.7	1/04/73 2/15/73 3/08/73 4/02/73 5/10/73 6/21/73 7/12/73 8/02/73 9/13/73	105.3 102.6 87.5 60.2 58.9 62.7 68.9 73.5 79.4	564.4 567.1 582.2 609.5 610.4 607.0 600.4 596.2 590.1	1733
01N/10W-22P02	5	19	694.6	10/12/72 11/02/72 12/14/72 3/08/73 4/02/73 5/10/73 6/10/73 7/10/73 8/02/73 9/13/73	140.3 138.8 66.7 30.6 30.5 40.6(1) 51.2(1) 52.2(1) 52.4 61.2	554.3 555.8 627.9 664.0 664.1 654.0 643.4 642.4 642.2 633.4	1733	01N/10W-27H02	5	19	667.4	11/06/72	143.3	524.1	1101
01N/10W-22R02	5	19	716.0	11/10/72 4/02/73	78.0(4) 26.9(4)	638.0 689.1	1101	01N/10W-27H03	5	19	673.8	3/19/73 4/02/73 6/01/73	35.0 30.6 38.3	638.4 643.2 635.5	1101
01N/10W-23A05	5	19	815.0	10/11/72 11/10/72 12/01/72 1/30/73 3/15/73 4/02/73 6/01/73 7/31/73 9/12/73	17.3 9.2 5.9 19.5 8.9 9.6 10.6 15.7 19.2	797.7 805.8 809.1 795.5 806.1 805.4 804.4 799.3 795.8	1101	015/09W-05N01	5			12/01/72 1/11/73 4/06/73	NM-9 NM-9 NM-9	1101	
01N/10W-23C01	5	19	784.9	10/12/72 11/10/72 12/01/72 1/03/73 3/15/73 4/10/73 6/01/73	25.2 15.2 14.9 20.5 12.9 14.0 15.3	759.7 769.7 770.0 764.4 772.0 770.9 769.6	1101	015/09W-06A03	5			5/08/73	148.9	1093.2	1101
01N/10W-23F01	5		755.3	10/11/72 12/01/72 4/30/73 6/29/73	NM-2 NM-1 NM-2 NM-1		1101	FOOTHILL HYDRO SUBAREA							U-05.04
01N/10W-27A01	5	19	693.3	2/07/73 3/13/73 4/02/73 5/07/73 6/04/73 7/13/73 8/07/73 9/12/73	76.9 33.8 34.1 36.7 41.3 54.3 60.3 68.1	616.4 659.5 659.2 656.6 652.0 639.0 633.0 625.2	1101	01N/09W-25G01	5		1235.0	11/30/72 4/06/73	31.7 29.4	1203.3 1205.6	1101
01N/10W-27B02	5			10/11/72 11/10/72 12/01/72 1/03/73 3/15/73 4/02/73 6/29/73 7/31/73 9/12/73	DRY DRY DRY DRY DRY 45.9 44.1 46.1 47.8		1101	01N/09W-35G01	5	19	1093.0	11/30/72 4/11/73	52.0 51.2(3)	1041.0 1041.4	1101
01N/10W-27C02	5	19		10/02/72 11/02/72 12/01/72 2/01/73 3/05/73 4/02/73 6/01/73 7/02/73 8/06/73 9/03/73	143.2(1) 155.8 81.5 76.0 34.8 31.3 35.4 54.3(1) 59.1(1) 63.4(1)	537.9 525.3 599.6 605.1 646.3 649.8 645.7 626.8 622.0 617.7	1101	01N/09W-35H01	5	19	1155.0	10/03/72 11/02/72 12/12/72 1/08/73 2/05/73 3/07/73 4/02/73 5/08/73 7/09/73 8/13/73 9/05/73	68.5 68.5 61.0 52.8 52.6 43.2 37.7 35.5(4) 46.2 46.8(2) 47.1	1088.5 1086.5 1094.0 1102.2 1102.4 1111.4 1117.3 1117.4 1108.8 1108.2 1107.9	1101
01N/10W-27C03	5	19		3/15/73	37.2	629.8	1101	01N/09W-36F02	5	19	1235.0	11/30/72 4/06/73	174.8 163.5	1060.2 1071.5	1101
			687.9	4/02/73 6/29/73 7/31/73 9/12/73	45.9 44.1 46.1 47.8	642.0 643.8 641.8 640.1		01N/09W-36F01	5	19	1277.0	1/11/73 4/06/73	140.5 133.1	1136.5 1143.0	1101
				10/02/72 11/02/72 12/01/72 2/01/73 3/05/73 4/02/73 6/01/73 7/02/73 8/06/73 9/03/73	143.2(1) 155.8 81.5 76.0 34.8 31.3 35.4 54.3(1) 59.1(1) 63.4(1)	537.9 525.3 599.6 605.1 646.3 649.8 645.7 626.8 622.0 617.7		SPANRA HYDRO SUBUNIT SPANRA HYDRO SUBAREA							U-05.E U-05.F1
				10/02/72 11/02/72 12/01/72 2/01/73 3/05/73 4/02/73 6/01/73 7/02/73 8/06/73 9/03/73	143.2(1) 155.8 81.5 76.0 34.8 31.3 35.4 54.3(1) 59.1(1) 63.4(1)	537.9 525.3 599.6 605.1 646.3 649.8 645.7 626.8 622.0 617.7		015/09W-19N01	5	19	851.0	12/05/72 4/11/73	290.0 214.0	561.0 637.0	1101
				3/15/73	37.2	629.8	1101	015/09W-23N02	5	19	761.8	10/05/72 11/06/72 12/14/72 1/11/73 2/08/73 3/09/73 4/04/73 5/08/73 6/01/73 7/11/73 8/22/73	136.6 134.5 131.7 131.5 130.5 130.5 130.0 136.5 135.8 138.6 140.3	625.2 627.3 630.1 630.3 631.3 631.3 631.6 625.3 626.0 623.2 621.5	1101



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT SPADRA HYDRO SUBUNIT LIVE TANK HYDRO SUBAREA							U-05 U-05.E U-05.EE	LA-SAN GABRIEL RIVER HYDRO UNIT ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SUBAREA							U-05 U-05.F U-05.F1
015/08W-04M01 5 19			1267.0	6/14/73	122.0(5)	1145.0	1101	035/09W-32K07 5 30			235.0	2/01/73	104.6	130.4	4210
(CONTINUED)				7/14/73	126.5(5)	1140.5		(CONTINUED)				3/01/73	92.7	142.7	
				8/14/73	131.1(5)	1135.9						4/01/73	87.6	147.4	
				9/21/73	138.1(5)	1128.9						5/01/73	89.5	145.5	
015/08W-05A02 5 19			1284.5	10/03/72	48.6	1235.9	1101					6/01/73	90.7	144.3	
				11/03/72	49.0	1235.5						7/01/73	90.7	144.3	
				12/13/72	48.5	1236.0						8/01/73	96.1	138.9	
				1/11/73	46.2	1238.3						9/01/73	116.3	118.7	
				2/05/73	45.5	1239.0		035/09W-32P02 5 30			231.1	10/27/72	150.1	81.0	5102
				3/09/73	43.3	1241.2						12/27/72	138.0	93.1	
				4/04/73	41.5	1243.0						2/23/73	98.5	132.6	
				5/08/73	48.2	1236.3						5/08/73	94.4	136.7	
				7/11/73	62.1	1222.4						6/29/73	96.4	134.7	
				8/21/73	53.9	1230.6						8/29/73	123.0	108.1	
015/08W-05R01 5 19			1288.0	12/07/72	48.8	1239.2	1101	035/09W-32P03 5 30			232.0	10/01/72	166.0	65.4	4210
				4/09/73	42.6	1245.4						11/01/72	170.1	61.9	
015/08W-05D02 5 19			1289.8	12/01/72	208.8	1081.0	1101					12/01/72	128.6	103.4	
				4/06/73	213.3	1076.5						1/01/73	106.3	125.7	
015/08W-05D04 5 19			1267.6	12/01/72	164.2	1103.4	1101					2/01/73	110.6	121.4	
				4/06/73	160.7	1106.9						3/01/73	96.7	135.3	
015/08W-05F02 5 19			1277.4	10/04/72	176.3	1101.1	1101					4/01/73	92.7	139.3	
				11/03/72	177.1	1100.3						5/01/73	94.7	137.3	
				12/13/72	176.0	1101.4						6/01/73	94.8	137.2	
				1/11/73	178.0	1099.4						7/01/73	91.4	140.6	
				2/05/73	176.7	1100.7						8/01/73	100.4	131.6	
				3/09/73	175.1	1102.3						9/01/73	127.3	104.7	
				4/04/73	174.4	1103.0		035/09W-32P04 5 30			230.2	10/01/72	160.9	69.3	4210
				5/08/73	172.9	1104.5						11/01/72	170.0	60.2	
				7/11/73	175.4	1102.0						12/01/72	140.7	89.5	
				8/21/73	175.4	1102.0						1/01/73	102.9	127.3	
				9/06/73	182.0	1095.4						2/01/73	108.2	122.0	
015/08W-06A01 5 19			1257.0	12/07/72	232.8(11)	1024.2	1101					3/01/73	93.2	137.0	
015/08W-06A03 5 19			1242.1	10/04/72	149.2	1092.9	1101					4/01/73	88.7	141.5	
				11/03/72	148.5	1093.6						5/01/73	98.5	131.7	
				12/12/72	148.5	1093.6						7/01/73	90.7	139.5	
				1/11/73	148.8	1093.3						8/01/73	102.1	128.1	
				2/05/73	143.4	1098.7						9/01/73	119.9	110.3	
				3/08/73	148.5	1093.6		035/09W-33H01 5 30			254.7	10/27/72	72.8	181.9	5102
				4/04/73	148.7	1093.4						5/08/73	59.7	195.0	
				5/31/73	150.0	1092.1						6/29/73	62.4	192.3	
				7/11/73	148.9	1093.2									
				8/21/73	148.2	1093.9									
				9/06/73	148.7	1093.4		035/09W-33K01 5 30			250.0	10/06/72	91.2(11)	158.8	4742
015/08W-06H01 5 19			1230.0	12/01/72	145.6	1084.4	1101					11/03/72	89.8(1)	160.2	
				4/10/73	149.3	1080.7						12/01/72	68.2	181.6	
015/08W-06J02 5 19			1224.0	10/04/72	147.2	1076.8	1101					1/01/73	79.0(11)	171.0	
				11/03/72	144.5	1079.5						2/02/73	60.2	189.8	
				12/13/72	134.5	1089.5						3/02/73	60.2	189.8	
				1/11/73	136.0	1088.0						4/06/73	76.1(11)	173.9	
				2/05/73	134.6	1089.4						5/04/73	77.9(11)	172.1	
				3/09/73	129.3	1094.7						6/01/73	77.5(11)	172.5	
				4/04/73	128.2	1095.8						7/01/73	81.2(11)	168.8	
				5/08/73	136.0	1088.0						8/03/73	79.3(11)	170.7	
				7/11/73	149.7	1074.3						9/07/73	82.4(11)	167.6	
				8/21/73	156.5	1067.5		035/09W-33K03 5 30			250.0	10/06/72	79.7	170.3	4742
				9/06/73	152.7	1071.3						11/03/72	76.5	173.5	
015/08W-06L01 5 19			1133.8	11/30/72	212.0(4)	921.8	1101					12/01/72	68.7	181.3	
				4/06/73	207.1	926.7						1/01/73	66.9	183.1	
ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SUBAREA							U-05.F U-05.F1								
035/09W-31J01 5 30			225.0	10/03/72	173.2(3)	51.8	5102	035/09W-33K05 5 30			252.0	10/06/72	82.6	169.4	4742
				2/23/73	159.7	65.3						11/03/72	79.9	172.1	
				5/08/73	107.2	117.8						12/01/72	73.7	178.3	
				6/29/73	106.7	118.3						1/01/73	71.4	180.6	
				8/29/73	150.2	74.8						2/02/73	66.7	185.3	
035/09W-31J02 5 30			220.0	10/24/72	163.9	56.1	5102					3/02/73	78.8(11)	173.2	
				12/27/72	163.1	56.9						4/06/73	65.2	186.8	
				2/23/73	121.2	98.8						5/04/73	80.9(11)	171.1	
				5/08/73	115.1	104.9						6/01/73	69.6	182.4	
				6/29/73	112.0(6)	108.0						7/01/73	72.6	179.4	
				8/29/73	139.0	81.0						8/03/73	71.1	180.9	
												9/07/73	74.2	177.8	
035/09W-32K06 5 30			235.0	10/01/72	167.5	67.5	4210	035/09W-33K06 5 30			252.0	10/06/72	85.9	166.1	4742
				11/01/72	170.5	64.5						11/03/72	83.0	169.0	
				12/01/72	139.4	95.6						12/01/72	76.5	175.5	
				1/01/73	111.8	123.2						1/01/73	74.2	177.8	
				2/01/73	107.5	127.5						2/02/73	68.5	183.5	
				3/01/73	94.8	140.2						3/02/73	68.5	183.5	
				4/01/73	90.0	145.0						4/06/73	68.6	183.4	
				5/01/73	95.3	139.7						5/04/73	72.1	179.9	
				6/01/73	94.8	140.2						6/01/73	71.9	180.1	
				7/01/73	95.7	139.3						7/01/73	75.2	176.8	
				8/01/73	106.1	128.9						8/03/73	73.3	178.7	
				9/01/73	125.1	109.9						9/07/73	77.5	174.5	
035/09W-32K07 5 30			235.0	10/01/72	161.8	73.2	4210	035/09W-33K07 5 30			252.0	10/06/72	78.0	174.0	4742
				11/01/72	167.3	67.7						11/03/72	92.0(11)	160.0	
				12/01/72	141.2	93.8						12/01/72	75.0(11)	177.0	
				1/01/73	111.8	123.2						1/01/73	68.0	184.0	
												2/02/73	71.0(11)	161.0	





TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SUBAREA								LA-SAN GABRIEL RIVER HYDRO UNIT ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SUBAREA							
U-05 U-05.F U-05.F1								U-05 U-05.F U-05.F1							
045/10W-08K01	S	30	126.1	9/06/73	126.2	-0.1	5102	045/11W-15H01	S	30	64.0	7/01/73	76.5	-12.5	4210
(CONTINUED)															
045/10W-08N05	S	30	115.5	10/01/72	120.9	-5.4	4210	045/11W-15L06	S	30	58.0	10/31/72	23.0	35.0	5102
				11/01/72	117.1	-1.6						1/04/73	20.4	37.6	
				12/01/72	115.0	0.5						3/01/73	19.1	34.9	
				1/01/73	113.0	2.5						7/03/73	23.2	34.4	
				2/01/73	112.0	3.5						9/06/73	24.6	33.4	
				3/01/73	88.7	26.8									
				4/01/73	104.4	11.1									
				5/01/73	117.6	-2.1									
				6/01/73	119.1	-3.6									
				7/01/73	119.7	-4.2									
				8/01/73	120.5	-5.0									
				9/01/73	122.5	-7.0									
045/10W-09R02	S	30	145.3	10/01/72	147.0	-1.7	4210	045/11W-19H01	S	30	99.6	10/01/72	80.0	19.6	4210
				11/01/72	146.6	-1.3						11/01/72	79.6	20.0	
				12/01/72	148.2	-2.9						12/01/72	82.2	17.4	
				1/01/73	141.9	3.4						1/01/73	81.8	17.4	
				2/01/73	136.0	9.3						2/01/73	77.9	21.7	
				3/01/73	129.2	16.1						3/01/73	79.2	20.4	
				4/01/73	135.5	9.8						4/01/73	72.5	27.1	
				5/01/73	135.4	9.9						5/01/73	84.0	15.6	
				6/01/73	136.2	9.1						6/01/73	78.3	21.3	
				7/01/73	135.5	9.8						7/01/73	85.2	14.4	
				8/01/73	136.8	8.5						8/01/73	86.9	12.7	
				9/01/73	136.5	8.8						9/01/73	87.9	11.7	
045/10W-18A01	S	30	107.0	1/04/73	83.6	23.4	5102	045/11W-19K01	S	30	25.8	10/19/72	48.8	-23.0	4210
				3/01/73	83.0	24.0						11/17/72	44.5	-14.7	
				5/09/73	87.3	19.7						12/20/72	50.3	-24.5	
				7/03/73	89.6	17.4						1/23/73	38.5	-12.7	
				9/06/73	90.5	16.5						2/24/73	38.6	-12.4	
												3/21/73	38.7	-12.4	
												4/18/73	43.8	-14.0	
												5/26/73	48.3	-22.5	
												6/21/73	49.0	-23.2	
												7/18/73	50.3	-24.5	
												8/22/73	49.6	-23.8	
												9/19/73	47.0	-21.2	
045/10W-18R02	S	30	103.9	1/04/73	99.1	4.8	5102	045/11W-19002	S	30	24.0	10/14/72	68.0(5)	-44.0	1101
				3/01/73	99.7	4.2						11/14/72	66.0(5)	-42.0	
045/11W-04G03	S	30	51.0	3/01/73	55.9	-4.9	5102					12/14/72	56.0(5)	-32.0	
				5/09/73	56.7	-5.7						1/14/73	55.0(5)	-31.0	
045/11W-05C02	S	19	44.0	12/11/72	46.1	-2.1	1101					2/14/73	53.0(5)	-29.0	
				4/23/73	46.2	-2.2						3/14/73	54.0(5)	-30.0	
045/11W-08P01	S	30	38.2	10/04/72	67.2	-29.0	1733					4/14/73	55.0(5)	-31.0	
				11/15/72	60.9	-22.7						5/14/73	60.0(5)	-36.0	
				12/06/72	57.5	-19.3						6/14/73	64.0(5)	-40.0	
				1/04/73	50.8	-12.6	5102					7/14/73	65.0(5)	-41.0	
				2/07/73	51.8	-13.6	1733					8/14/73	66.0(5)	-42.0	
				3/01/73	49.6	-11.4	5102					9/14/73	66.0(5)	-42.0	
				4/11/73	58.9	-20.3	1733								
				5/09/73	48.8	-10.6	5102	045/11W-23002	S	30	58.0	10/31/72	NM-1		
				6/13/73	64.9	-26.3	1733					3/01/73	NM-2		
				7/01/73	63.4	-25.2	5102					5/09/73	NM-2		
				9/05/73	67.8	-29.2	1733	045/11W-27A03	S	30	52.0	1/04/73	65.8	-13.8	5102
045/11W-10H03	S	30	67.0	5/09/73	NM-5		5102					3/01/73	64.8	-12.8	
				9/06/73	NM-5							7/03/73	79.9	-27.9	
045/11W-12F01	S	30	90.0	10/31/72	95.0	-5.0	5102	045/11W-27001	S	30	38.5	10/31/72	56.1	-17.6	5102
				1/04/73	97.2	-7.2						1/04/73	49.8	-11.3	
				7/03/73	107.6	-17.6						3/01/73	49.5	-11.0	
045/11W-12P07	S	30	91.0	10/31/72	NM-1		5102					5/09/73	49.0	-10.5	
				5/09/73	NM-1							7/03/73	63.0	-24.5	
				7/03/73	NM-1							9/06/73	62.5	-24.0	
				9/06/73	NM-1										
045/11W-13N03	S	30	81.0	10/01/72	94.0	-13.0	4210	045/11W-30M04	S	30	18.1	10/14/72	58.9(5)	-40.8	1101
				11/01/72	89.0	-8.0						11/14/72	57.9(5)	-39.8	
				12/01/72	83.2	-2.2						12/14/72	48.9(5)	-30.8	
				1/01/73	86.3	-5.3						1/14/73	44.9(5)	-26.8	
				2/01/73	84.3	-3.3						2/14/73	45.9(5)	-27.8	
				3/01/73	74.9	6.1						3/14/73	44.9(5)	-26.8	
				4/01/73	80.0	1.0						4/14/73	46.9(5)	-28.8	
				5/01/73	92.1	-11.1						5/14/73	62.9(5)	-44.8	
				6/01/73	96.2	-15.2						6/14/73	63.9(5)	-45.8	
				7/01/73	95.2	-14.2						7/14/73	65.9(5)	-47.9	
				8/01/73	87.2	-6.2						8/14/73	66.9(5)	-48.8	
				9/01/73	97.6	-16.6						9/14/73	68.9(5)	-50.8	
045/11W-14004	S	30	65.0	10/01/72	59.3	5.7	4210	045/11W-30M05	S	30	17.5	10/14/72	53.6(5)	-36.1	1101
				11/01/72	57.0	8.0						11/14/72	51.6(5)	-34.1	
				12/01/72	60.2	4.8						12/14/72	43.6(5)	-26.1	
				1/01/73	59.7	5.3						1/14/73	40.6(5)	-23.1	
				2/01/73	60.5	4.5						2/14/73	42.6(5)	-25.1	
				3/01/73	59.8	5.2						3/14/73	42.6(5)	-25.1	
				4/01/73	61.8	3.2						4/14/73	42.6(5)	-25.1	
				5/01/73	62.7	2.3						5/14/73	50.6(5)	-33.1	
				6/01/73	55.3	9.7						6/14/73	53.6(5)	-36.1	
				7/01/73	62.5	2.5						7/14/73	54.6(5)	-37.1	
				8/01/73	67.9	-2.9						8/14/73	56.6(5)	-39.1	
				9/01/73	64.2	0.8						9/14/73	58.6(5)	-41.1	
045/11W-15H01	S	30	64.0	10/01/72	71.9	-7.9	4210	045/11W-31001	S	30	13.8	10/14/72	97.1(1)	-83.3	1101
				11/01/72	70.2	-6.2						11/21/72	39.1(5)	-25.3	
				12/01/72	71.2	-7.2						12/14/72	34.1(5)	-20.3	
				1/01/73	70.8	-6.8						1/14/73	33.1(5)	-19.3	
				2/01/73	70.0	-6.0						2/07/73	34.1(5)	-20.3	
				3/01/73	71.7	-7.7									

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SURAREA							U-05 U-05.F U-05.F1	LA-SAN GABRIEL RIVER HYDRO UNIT ANAHEIM HYDRO SUBUNIT ANAHEIM HYDRO SURAREA							U-05 U-05.F U-05.F1
04S/11W-31F05	S	30	12.3	10/14/72 11/14/72 12/14/72 1/14/73 2/14/73 3/14/73 4/14/73 5/14/73 6/14/73 7/14/73 8/14/73 9/14/73	34.4(5) 31.4(5) 30.4(5) 29.4(5) 28.4(5) 28.4(5) 28.4(5) 26.4(5) 26.4(5) 24.1 37.4(5) 39.4(5) 42.4(5)	-22.1 -19.1 -18.1 -17.1 -16.1 -16.1 -16.1 -24.1 -24.1 -25.1 -27.1 -30.1	1101	05S/12W-12M02	S	30	39.0	4/24/73	48.2	-9.2	1101
								LA HARRA HYDRO SURAREA							U-05.F2
04S/12W-36N01	S	30	8.0	4/19/73	17.3	-9.3	1101	03S/10W-02N02	S	30	423.0	3/07/73 5/09/73	137.0 146.1	286.0 276.9	5102
04S/12W-36N05	S	30	8.0	3/13/73 5/11/73	15.7 15.9	-7.7 -7.9	5102	03S/10W-02P01	S	30	373.5	10/30/72 3/07/73 5/09/73 7/02/73 8/30/73	22.6 21.1 21.1 20.9 21.6	350.9 352.4 352.4 352.6 351.9	5102
04S/12W-36N06	S	30	23.1	4/19/73	32.4	-9.3	1101	04S/10W-07G02	S	30	270.0	10/30/72 3/07/73 5/09/73 7/02/73 8/30/73	47.8 49.0 50.4 43.0 47.9	222.2 221.0 227.6 227.0 226.1	5102
04S/12W-36N08	S	30	2.3	4/25/73	6.5	-4.2	1101	03S/10W-07P01	S	30	226.0	10/30/72 12/29/72	125.4 125.0	100.6 101.0	5102
04S/12W-36P01	S	30	8.2	4/27/73	23.0	-14.8	1101	03S/10W-09H02	S	30	327.0	10/30/72 12/29/72 3/07/73 5/09/73 7/02/73 8/30/73	46.3 49.4 45.3 43.0 40.4 40.7	280.7 277.6 281.7 286.0 286.1 286.4	5102
04S/12W-36P02	S	30	8.2	4/27/73	37.7	-29.5	1101	03S/10W-09M02	S	30	305.0	10/30/72 12/29/72	47.4(3) 36.7	261.6 266.4	5102
04S/12W-36P03	S	30	8.8	4/19/73	11.9	-3.1	1101	03S/10W-09R01	S	30	305.0	5/08/73 7/02/73 8/30/73	16.2 17.1 16.9	286.4 287.9 286.1	5102
04S/12W-36P04	S	30	8.8	4/19/73	13.6	-4.8	1101	03S/10W-10C01	S	30	345.0	3/07/73 5/09/73 7/02/73	78.2 90.7 98.6	266.8 254.4 246.4	5102
04S/12W-36P05	S	30	8.8	4/19/73	17.9	-9.1	1101	03S/10W-10C02	S	30	315.0	5/09/73 7/02/73 8/30/73	20.6 21.7 22.0	294.4 293.3 293.0	5102
04S/12W-36P06	S	30	8.8	4/19/73	30.1	-21.3	1101	03S/10W-10N02	S	30	315.0	5/09/73 7/02/73 8/30/73	20.6 21.7 22.0	294.4 293.3 293.0	5102
05S/12W-01C01	S	30	6.8	4/16/73	19.1	-12.3	1101	03S/10W-10N04	S	30	307.0	10/30/72 3/07/73 5/09/73 7/02/73 8/30/73	22.0 17.4 21.6 23.0 23.2	285.0 289.1 285.4 284.0 283.8	5102
05S/12W-01C02	S	30	6.8	4/16/73	30.0	-23.2	1101	03S/10W-10R03	S	30	340.0	3/07/73	170.6	149.4	5102
05S/12W-01D01	S	30	5.6	4/27/73	12.4	-6.8	1101	03S/10W-11M02	S	30	350.7	10/30/72 5/09/73 7/02/73 8/30/73	43.7 39.7 40.6 41.1	307.0 311.0 310.1 309.6	5102
05S/12W-01D02	S	30	5.6	4/27/73	12.0	-6.4	1101	03S/10W-12M01	S	30	388.0	10/30/72 5/09/73 7/02/73	83.6 81.7 81.0	304.4 306.4 307.0	5102
05S/12W-01D03	S	30	5.6	4/27/73	12.3	-6.7	1101	03S/10W-14G01	S	30	348.7	5/09/73 7/02/73 8/30/73	NM-5 NM-5 NM-5		5102
05S/12W-01D04	S	30	5.6	4/27/73	26.9	-21.3	1101	03S/10W-15R01	S	30	327.0	5/09/73 7/02/73	79.1 104.2	247.9 222.8	5102
05S/12W-01F04	S	19	5.4	4/13/73	11.7	-6.3	1101	03S/10W-15C01	S	30	322.0	12/29/72 3/07/73 5/09/73	101.3 100.0 84.3	220.7 222.1 237.7	5102
05S/12W-01F05	S	19	5.4	4/13/73	13.3	-7.9	1101	03S/10W-17P01	S	30	310.0	7/02/73	179.5	130.5	5102
05S/12W-01F06	S	19	5.4	4/13/73	11.1	-5.7	1101	03S/10W-22C02	S	30	280.0	10/30/72 12/29/72 3/07/73 5/09/73 7/02/73	180.9 189.9 159.5 162.2 166.3	99.1 90.1 120.5 117.8 113.7	5102
05S/12W-01F07	S	19	5.4	4/13/73	22.2	-16.8	1101	YORBA LINDA HYDRO SUBAREA							U-05.F3
05S/12W-01G02	S	30	6.3	4/16/73	15.6	-9.3	1101	03S/09W-17P01	S	30	395.0	10/27/72 12/27/72 2/23/73 5/08/73 6/29/73 8/29/73	118.9 89.0 90.1 105.2 114.1 115.5	276.1 306.0 304.9 289.8 280.9 279.5	5102
05S/12W-01G03	S	30	6.3	4/16/73	27.6	-21.3	1101	03S/09W-19N01	S	30	292.0	10/27/72 12/27/72 2/23/73 5/08/73 6/29/73 8/29/73	180.0 178.8 172.8 170.1 178.7 179.0	112.0 113.2 119.2 121.9 113.3 113.0	5102
05S/12W-01M04	S	30	6.1	11/01/72 1/03/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	23.6 17.9 21.2 18.3 22.6 23.1 25.4	-17.5 -11.8 -15.1 -12.2 -16.5 -17.0 -19.3	1101	03S/09W-20M01	S	30	335.2	10/27/72 12/27/72 2/23/73 5/08/73	167.5 167.6 159.9 158.0	167.7 167.6 175.3 177.2	5102
05S/12W-01M05	S	30	6.1	11/01/72 1/03/73 2/02/73 3/02/73 4/26/73 6/01/73 8/03/73	12.6 9.2 12.5 9.8 11.8 11.4 12.9	-6.5 -3.1 -6.4 -3.7 -5.7 -5.3 -6.8	1101								
05S/12W-01M06	S	30	6.1	4/26/73 6/01/73 8/03/73	12.9 13.6 15.2	-6.8 -7.5 -9.1	1101								
05S/12W-11M02	S	30	7.4	4/27/73	12.4	-5.0	1101								
05S/12W-11J02	S	30	6.7	4/24/73	24.6	-17.9	1101								
05S/12W-11J03	S	30	5.0	4/24/73	37.2	-32.2	1101								
05S/12W-11P01	S	30	14.2	4/24/73	51.7	-37.5	1101								
05S/12W-12C01	S	30	17.0	11/03/72 3/13/73 5/11/73	51.0 41.4 48.3	-34.0 -24.4 -31.3	1101								
05S/12W-12C02	S	30	6.6	4/27/73	16.3	-9.7	1101								
05S/12W-12C03	S	30	7.0	4/27/73	15.9	-8.9	1101								
05S/12W-12C04	S	30	7.0	4/27/73	13.9	-6.9	1101								
05S/12W-12C05	S	30	7.0	4/27/73	23.7	-16.7	1101								
05S/12W-12D02	S	30	7.3	4/27/73	14.3	-7.0	1101								
05S/12W-12M01	S	30	39.2	4/24/73	66.0	-26.8	1101								



TABLE C-1  
GROUND WATER LEVELS AT WELLS

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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LA-SAN GABRIEL RIVER HYDRO UNIT							U-05								
ANAMEIM HYDRO SUBUNIT							U-05.F								
YORBA LINDA HYDRO SUBAREA							U-05.F3								
035/09W-20M01 S	30	335.2	6/29/73	161.7	173.5	5102									
(CONTINUED)			8/29/73	168.5	166.7										
035/09W-21W03 S	30	365.0	10/27/72	74.6	290.4	5102									
			5/08/73	75.0	290.0										
035/09W-30R01 S	30	262.0	10/27/72	79.4 (3)	182.6	5102									
			5/08/73	78.5	183.5										
			6/29/73	78.3	183.7										
			8/29/73	80.1	181.9										

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
LAHONTAN DRAINAGE PROVINCE							W	FREMONT HYDRO UNIT							W-25
INDIAN WELLS HYDRO UNIT							W-24	KOEHN HYDRO SUBUNIT							W-25.0
INDIAN WELLS HYDRO SUBUNIT							W-24.8								
26S/38E-01G01	M	15	2330.0	3/06/73	136.0	2194.0	5000	30S/37E-24J01	M	15	1975.0	2/15/73	88.3	1886.7	5000
26S/38E-02O01	M		2429.6	4/05/73	NM-6		5000	30S/37E-36G01	M	15	1981.0	10/12/72 2/15/73	96.6 83.9	1884.4 1897.1	5000
								30S/38E-03J01	M	15	1900.0	3/25/73	1.3	1898.7	5000
								30S/38E-24F01	M	15	1940.0	2/15/73	24.7	1915.3	5000
								30S/39E-08A01	M	15	2050.0	3/25/73	140.2	1909.8	5000
								31S/37E-08C01	M		2190.0	2/15/73	201.7	1988.3	5000
								31S/37E-10A01	M	15	2105.0	2/15/73	246.6	1858.4	5000
								31S/37E-30F01	M		2371.7	0/12/77 2/15/73	327.4 325.6	2044.3 2046.1	5000
								31S/37E-33H01	M		2340.0	2/15/73	272.7	2067.3	5000
								31S/37E-35N01	M		2320.0	0/12/72 2/14/73	254.0 253.2	2066.0 2066.8	5000
								32S/36E-22C01	M	15	2720.0	3/25/73	621.7	2098.3	5000
								32S/36E-23O01	M		2670.0	3/25/73	NM-0		5000
								32S/36E-35N01	M		2692.0	3/24/73	269.0	2423.0	5000
								32S/37E-09O01	M		2410.0	2/14/73	331.4	2078.6	5000
								32S/37E-11N01	M		2375.0	2/14/73	281.7	2093.3	5000
								32S/37E-12M01	M		2350.0	2/14/73	242.4	2107.6	5000
								32S/37E-26N01	M	15	2420.0	10/12/77 2/14/73	331.1 328.6	2088.9 2091.4	5000
								11N/11W-07A01	S		2627.9	2/24/73	204.9	2423.0	5000
								11N/11W-09A01	S		2549.6	0/11/72 3/24/73	127.4 127.5	2422.2 2422.1	5000
								12N/12W-35P01	S		2743.3	3/24/73	320.1	2423.2	5000

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT CHAFEE HYDRO SUBAREA							W-26 W-26.A W-26.A1	ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT LANCASTER HYDRO SUBAREA							W-26 W-26.A W-26.A5
10N/12W-02R01	5		2575.1	10/12/72 3/25/73	152.1 152.0	2423.0 2423.1	5000	07N/10W-19001	C		2446.0	12/11/72 1/04/73 2/05/73 3/07/73 4/09/73 5/04/73 6/01/73 7/03/73 8/02/73 9/11/73	280.3 280.1 280.2 280.0 280.5 280.6 281.0 281.5 281.6 282.0	2165.7 2165.9 2165.4 2166.0 2165.5 2165.4 2165.0 2164.5 2164.4 2164.0	1101
11N/12W-12M01	5	15	2695.0	10/11/72 3/24/73	271.2 271.4	2423.8 2423.6	5000	(CONTINUED)							
11N/12W-26J01	5	15	2594.6	3/25/73	183.7	2410.9	5000	07N/10W-31M01	C		2505.3	2/14/73	377.4	2127.4	5000
11N/13W-36K01	5		2888.0	3/24/73	NM-0		5000	07N/11W-01001	C		2385.0	2/13/73	207.4	2177.6	5000
GLOSTER HYDRO SUBAREA							W-26.A2	LANCASTER HYDRO SUBAREA							
10N/12W-09A01	5		2594.0	3/24/73	154.5	2439.5	5000	07N/11W-19001	C		2418.0	2/14/73	228.1	2189.4	5000
10N/12W-13H01	5		2505.0	2/12/73	62.5	2442.5	5000	07N/11W-21F01	C		2422.0	2/14/73	114.0	2308.0	5000
10N/12W-22J01	5	15	2530.0	2/12/73	39.8	2490.2	5000	07N/11W-33M01	C	19	2473.0	2/14/73	314.2	2158.4	5000
10N/13W-22C01	5		2878.0	3/24/73	311.7	2566.3	5000	07N/12W-13F01	C	19	2382.0	2/14/73	175.9	2206.1	5000
WILLOW SPRINGS HYDRO SUBAREA							W-26.A3	LANCASTER HYDRO SUBAREA							
09N/13W-04A01	5		2636.8	3/24/73	182.3(4)	2454.5	5000	07N/12W-13H02	C	19	2385.0	10/11/72 2/14/73	129.4 129.3	2255.4 2255.1	5000
09N/13W-07003	5	15	2605.0	10/11/72 2/16/73	81.1 66.2	2523.9 2538.8	5000	07N/12W-15F01	C	19	2348.0	2/14/73	150.5	2197.5	5000
09N/14W-01H01	5		2700.0	2/16/73	152.4	2547.6	5000	07N/12W-15F02	C		2355.0	2/15/73	NM-0		5000
09N/15W-11A01	5		2953.4	10/11/72 2/15/73	86.0 86.2	2867.4 2867.2	5000	07N/12W-18R02	C		2337.0	2/14/73	NM-0		5000
09N/15W-12M01	5		2899.1	10/11/72	499.8	2399.3	5000	07N/12W-19R01	C		2386.0	2/14/73	187.7	2198.3	5000
10N/13W-19M01	5		2905.0	10/11/72 3/24/73	316.0 315.8	2589.0 2589.2	5000	07N/12W-22K01	C	19	2407.0	2/14/73	218.1	2184.4	5000
11N/13W-29M01	5		3391.0	10/10/72 11/10/72 12/10/72 1/10/73 2/10/73 3/10/73 4/10/73 5/10/73 6/10/73 7/10/73 8/10/73 9/10/73	370.0 370.0 370.0 340.0 325.0 330.0 323.0 330.0 330.0 330.0 330.0 325.0	3061.0 3061.0 3071.0 3051.0 3066.0 3061.0 3068.0 3061.0 3061.0 3061.0 3061.0 3066.0	4785	07N/12W-22R02	C	19	2411.0	4/09/73 5/04/73 6/01/73 7/03/73 8/02/73 9/11/73	224.0 228.6(4) 227.1 228.5(4) 230.7 232.4	2187.0 2182.4 2183.4 2182.5 2180.3 2178.6	1101
NEENACH HYDRO SUBAREA							W-26.A4	LANCASTER HYDRO SUBAREA							
08N/14W-18N01	5	19	2642.0	10/11/72 2/15/73	122.5 121.2	2519.5 2520.8	5000	07N/12W-22R03	C	19	2407.0	10/05/72 11/08/72 12/11/72 1/04/73 2/05/73 3/07/73	222.4 221.6 219.8 218.9 218.4 217.7	2184.4 2185.4 2187.2 2184.1 2184.4 2184.3	1101
08N/15W-10R01	C	19	2712.0	2/15/73	156.7	2555.3	5000	07N/12W-25M01	C		2455.0	3/19/73	NM-0		5000
08N/15W-18H01	5		2790.0	2/15/73	205.3	2584.7	5000	07N/12W-29F02	C		2415.0	2/14/73	NM-1		5000
08N/15W-33G01	5	19	2930.0	2/14/73	223.4	2706.6	5000	07N/13W-03F01	C		2381.0	10/11/72 2/15/73	190.9 176.3	2190.1 2204.7	5000
08N/16W-03F01	5		2860.0	10/11/72 2/15/73	205.0 204.9	2655.0 2655.1	5000	07N/13W-21A01	C		2360.0	2/13/73	44.1	2315.4	5000
08N/16W-18F01	5	19	3029.0	2/14/73	243.9	2785.1	5000	07N/13W-34R01	C		2433.0	2/14/73	328.5	2104.5	5000
09N/14W-20R01	5		2656.4	10/11/72 2/15/73	322.7 323.0	2333.7 2333.4	5000	07N/14W-13A01	C		2467.0	2/14/73	289.2	2186.8	5000
09N/14W-31K02	5		2604.0	2/15/73	299.1	2304.9	5000	08N/09W-06D01	C	19	2293.0	2/13/73	42.4	2250.6	5000
09N/16W-27M01	5			2/15/73	NM-1		5000	09N/10W-08P03	C	19	2318.0	2/13/73	74.0	2244.0	5000
09N/16W-36C01	5		2925.0	2/15/73	286.1	2638.9	5000	09N/10W-28R01	C		2358.0	2/13/73	141.6	2216.4	5000
LANCASTER HYDRO SUBAREA							W-26.A5	LANCASTER HYDRO SUBAREA							
05N/12W-03J01	5		2824.0	1/16/73	16.6	2807.4	1101	09N/11W-14P01	C		2317.0	2/12/73	92.1	2224.4	5000
05N/12W-04M01	5	19	3250.0	1/16/73	45.0	3205.0	1101	09N/11W-27R02	C		2341.0	2/13/73	NM-0		5000
06N/11W-03F01	5	19	2491.0	2/13/73	319.3	2171.7	5000	09N/11W-32F01	C		2340.0	3/19/73	95.6	2244.4	5000
06N/11W-06G02	5	19	2480.0	2/13/73	321.8	2158.2	5000	09N/11W-34D02	C		2340.0	3/19/73	140.8	2199.2	5000
06N/11W-16J01	5		2547.0	2/15/73	344.9	2202.1	5000	09N/11W-34R02	C		2358.0	2/13/73 3/13/73	127.1 127.2	2230.4 2230.4	5000
07N/09W-17N02	5	36	2492.0	2/12/73	228.8	2263.2	5000	08N/12W-02D01	5	19	2283.0	2/12/73	45.6	2237.4	5000
07N/10W-03A01	5			3/19/73	NM-1		5000	08N/12W-14P01	C		2291.0	2/12/73	67.4	2223.4	5000
07N/10W-05E01	5		2391.0	2/13/73	204.5	2186.5	5000	08N/12W-20R02	C		2317.5	2/14/73	74.4	2243.1	5000
07N/10W-10N01	5		2437.0	10/13/72 2/12/73	363.2 339.7	2073.8 2097.3	5000	08N/12W-31002	C		2322.0	2/15/73	58.7	2263.3	5000
07N/10W-14R03	5		2466.0	2/12/73	376.7	2089.3	5000	08N/13W-05F01	C		2440.0	2/12/73	271.0	2169.0	5000
07N/10W-19D01	5		2446.0	10/05/72	280.8	2165.2	1101	08N/13W-09K01	C		2412.0	2/12/73	223.1	2188.9	5000
								08N/13W-20R01	C	19	2430.0	2/12/73	279.3	2150.7	5000
								08N/13W-23M02	C	19	2376.0	2/12/73	78.0	2298.0	5000
								08N/13W-34P03	C		2365.0	10/11/72 2/15/73	77.6 77.7	2287.4 2287.3	5000
								08N/13W-36L01	C		2340.0	10/11/72 2/15/73	124.9 128.8	2215.1 2211.2	5000
								08N/14W-15G01	C		2525.0	2/15/73	NM-1		5000

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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT LANCASTER HYDRO SUBAREA							W-26 W-26.A W-26.A5	ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT ROCK CREEK HYDRO SUBAREA							W-26 W-26.A W-26.A8
08N/14W-36F01	S	19	2488.0	2/15/73	286.8	2201.2	5000	04N/09W-06A01	S	19	3459.6	3/02/73 5/01/73 6/26/73	3.0 NM-1 NM-1	3456.6	5050
09N/08W-06H01	S	15	2387.0	2/13/73	160.1	2226.9	5000	04N/09W-06R01	S	19	3469.6	10/06/72 11/02/72 1/08/73 3/02/73 5/01/73 6/28/73 7/26/73	15.0(2) 9.9(2) 5.3(2) 4.4 4.7(2) 3.7(2) 4.0(2)	3454.6 3459.7 3464.3 3465.2 3464.9 3465.9 3465.6	5050
09N/09W-02001	S	15	2274.8	2/13/73	54.1	2220.7	5000	04N/09W-06A02	S	19	3464.0	1/04/73 2/05/73 3/07/73 4/09/73 5/03/73 6/01/73 7/03/73 8/02/73 9/11/73	4.5 2.9 2.2 3.0 2.9 0.6 2.0 1.3 2.9	3459.5 3461.1 3461.8 3461.0 3461.2 3463.4 3462.0 3462.7 3461.1	1101
09N/09W-06F01	S	15	2290.2	2/13/73	48.5	2241.7	5000	04N/09W-06G01	S	19	3493.0 3492.8 3493.0	10/05/72 11/02/72 1/04/73 2/05/73 3/01/73 4/09/73 5/01/73 6/28/73 7/26/73 8/02/73 9/11/73	8.8 7.1 4.3 6.7 3.0 3.4 3.9 3.1 3.5 3.3 3.5	3484.2 3485.7 3488.7 3486.3 3490.0 3489.6 3488.9 3489.7 3489.4 3489.7 3489.5	1101 5050 1101
09N/09W-10R01	S	15	2280.0	10/12/72	63.0	2217.0	5000	09N/12W-23N01	S		2294.0	2/12/73	55.7	2238.3	5000
09N/09W-18C01	S	15	2280.3	2/13/73	75.1	2205.2	5000	09N/12W-35N01	S		2295.0	2/12/73	39.5	2255.5	5000
09N/09W-27H02	S	15	2280.0	2/13/73	61.1	2218.9	5000	09N/13W-14001	S		2442.0	2/16/73	197.1	2244.9	5000
09N/10W-08P01	S	15	2372.0	2/14/73	84.6	2287.4	5000	09N/13W-27K01	S			2/13/73	NM-1	5000	
09N/10W-12P01	S		2280.0	2/13/73	73.2	2206.8	5000	NORTH MUROC HYDRO SUBAREA							W-26.A6
09N/10W-22J02	S	15	2285.0	2/13/73	96.3	2188.7	5000	325/39F-33W01	M	15	2474.0	10/12/72 2/13/73	486.6 482.4	1987.4 1991.6	5000
09N/10W-24C01	S	15	2285.0	2/13/73	81.6	2203.4	5000	10N/09W-04D01	S	15	2304.0	10/12/72 2/13/73	113.2 114.9	2190.8 2189.1	5000
09N/10W-28F02	S		2290.0	2/14/73	70.9	2219.1	5000	10N/09W-24A02	S		2287.0	10/12/72 2/13/73	78.3 78.7	2208.7 2208.3	5000
09N/10W-34H01	S	15	2285.0	10/13/72 2/13/73	80.4 75.3	2204.6 2209.7	5000	11N/08W-29K01	S	15	2351.8	2/13/73	161.6	2190.2	5000
09N/12W-23N01	S		2294.0	2/12/73	55.7	2238.3	5000	11N/09W-17N01	S	15	2319.9	2/14/73	141.1	2178.8	5000
09N/12W-35N01	S		2295.0	2/12/73	39.5	2255.5	5000	11N/09W-30H01	S	15	2298.3	2/14/73	105.4	2192.9	5000
09N/13W-14001	S		2442.0	2/16/73	197.1	2244.9	5000	11N/09W-36R01	S	15	2312.5	2/13/73	107.1	2205.4	5000
09N/13W-27K01	S			2/13/73	NM-1	5000	BUTTES HYDRO SUBAREA							W-26.A7	
								04N/09W-07R01	S		3596.0	10/05/72 11/03/72 1/05/73 3/01/73 4/09/73 5/03/73 7/03/73 8/02/73 9/11/73	21.6 19.4 21.6 11.7 12.7 12.8 13.5 14.5 13.4	3574.4 3576.6 3574.4 3584.3 3583.3 3583.2 3582.5 3581.5 3582.6	1101
								04N/09W-08L01	S		3735.0	10/05/72 12/06/72 1/05/73 2/05/73 3/01/73 4/09/73 6/01/73 8/02/73 9/11/73	59.6 50.3 52.2 51.6 53.7 51.7 61.2 56.2 40.5	3675.4 3684.7 3682.8 3683.4 3681.3 3683.3 3673.8 3678.4 3694.5	1101
								04N/09W-09M01	S	19	3800.0	10/05/72 11/03/72 12/06/72 1/04/73 2/05/73 3/01/73 5/03/73 6/01/73	85.8 89.0 83.1 79.4 75.7 72.2 61.3 56.8	3714.2 3711.0 3716.9 3720.2 3724.3 3727.8 3738.7 3743.2	1101
								04N/09W-09N04	S	19	3831.0	12/06/72 1/04/73 2/05/73 3/01/73 4/09/73 6/01/73 7/03/73 9/11/73	54.1 47.1 48.3 46.8 50.7 47.7 48.8 53.1	3776.9 3783.9 3782.7 3784.2 3780.7 3783.3 3782.2 3777.9	1101
								04N/09W-17H01	S		3920.0	10/05/72 11/03/72 12/06/72 1/04/73 2/05/73 3/01/73 4/09/73 5/03/73 6/01/73 7/03/73 8/02/73 9/11/73	15.2 15.7 11.8 11.6 13.2 10.9 11.0 9.5 10.2 12.0 14.5 15.7	3904.8 3904.1 3908.2 3908.4 3906.8 3909.1 3909.0 3910.5 3909.8 3908.0 3905.5 3904.3	1101
								04N/10W-02M01	S	19	3840.0	1/15/73	40.2	3799.8	1101
								04N/10W-02001	S	19	3820.0	1/15/73	53.4	3766.6	1101
								04N/10W-11A01	S		3810.0	1/15/73	23.1	3786.9	1101
								04N/10W-11R01	S		3835.0	1/15/73	63.5	3771.5	1101
								05N/09W-20K01	S	19	3178.0	10/13/72 2/13/73 3/02/73 5/01/73 6/28/73 7/26/73	240.6 243.5 243.0 243.8 244.4 244.8	2937.4 2934.5 2934.0 2933.2 2932.6 2932.2	5000 5050
								05N/09W-24P01	S	19	3373.0	1/15/73	329.3	3043.7	1101
								06N/09W-04H02	S	19	2595.0	10/13/72 2/14/73	172.2 171.9	2422.8 2423.1	5000
								06N/09W-11N01	S		2666.0	2/14/73	171.8	2494.2	5000
								06N/10W-22001	S		2645.0	10/13/72 2/14/73	163.0 162.6	2482.0 2482.4	5000
								06N/10W-30E01	S	19	2666.0	1/16/73	90.3	2575.7	1101
								06N/10W-34001	S	19	2706.0	2/14/73	141.8	2564.2	5000

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ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT ROCK CREEK HYDRO SUBAREA							W-26 W-26.A W-26.AB	MOJAVE HYDRO UNIT EL MIRAGE HYDRO SUBUNIT							W-28 W-28.A
05N/09W-26D01	S		3354.0	1/15/73	343.5	3010.5	1101	04N/07W-27D01	S		890.0	11/27/72 4/06/73	7.8 7.3	882.2	1101
05N/09W-30N01	S		3310.0	10/06/72 11/02/72 1/08/73 3/02/73 5/01/73 6/28/73 7/26/73	62.6 65.0 69.5 59.8 57.9 57.4 59.6	3247.4 3245.0 3240.5 3250.2 3252.1 3252.6 3250.4	5050	06N/06W-18P03	S		2895.0	11/02/72	NM-9		5101
								06N/07W-10P01	S	36	2865.0	11/02/72 4/06/73	29.2(11) 29.0(11)	2835.8 2836.0	5101
05N/09W-31R01	S		3433.0	10/06/72 11/02/72 1/08/73 3/02/73 5/01/73 7/26/73	18.5 14.7 11.1 4.0 5.1 7.0	3414.5 3418.3 3421.9 3429.0 3427.9 3426.0	5050	06N/07W-26R01	S		3005.0	11/02/72 4/06/73	127.7 127.5	2877.3 2877.5	5101
								06N/07W-27N01	S		3020.0	11/02/72 4/06/73	140.0 140.3	2880.0 2879.7	5101
05N/10W-03L01	S		2802.0	2/14/73	104.0	2698.0	5000	UPPPF MOJAVE HYDRO SUBUNIT							W-28.B
05N/10W-16J01	S	19	2950.0	10/06/72 11/27/72 2/09/73 3/02/73 5/01/73 6/28/73 7/26/73	185.5 184.3 175.5 175.6 176.0 175.9 NM-2	2764.5 2765.7 2774.5 2774.4 2774.0 2774.1	5050	03N/04W-13R02	S	36	3005.3	10/27/72 4/06/73	93.6 89.0	2911.7 2916.3	5101
05N/10W-16P01	S	19	3023.0	2/13/73	243.7	2759.3	5000	03N/04W-28P01	S	36	3168.6	11/06/72 12/05/72 1/03/73 2/27/73 3/23/73 4/12/73 5/16/73 6/18/73 7/17/73 8/22/73 9/21/73	14.5 14.8 13.3 6.2 4.7 3.8 2.9 4.9 7.0 8.9	3154.1 3153.8 3155.3 3162.4 3163.9 3164.8 3165.7 3163.7 3161.6 3159.7	5050
05N/10W-34N02	S	19	3549.7	1/15/73	32.0	3517.7	1101	03N/04W-29P03	S	36	3189.5	10/18/72 11/06/72 12/05/72 1/03/73 2/27/73 3/23/73 4/12/73 5/16/73 6/18/73 7/17/73 8/22/73 9/21/73	8.9 8.9 8.7 8.1 5.0 4.2 5.2 5.6 5.8 6.2 8.2 7.6	3180.6 3180.6 3180.8 3181.4 3184.5 3185.3 3184.3 3183.9 3183.7 3183.7 3181.3 3181.9	5050
05N/11W-12D01	S	19	2832.0	1/16/73	168.2	2663.8	1101								
05N/11W-13J01	S		2912.0	1/15/73	DPY		1101								
05N/11W-13L01	S	19	2930.0	10/06/72 11/02/72 1/08/73 3/02/73 5/01/73 6/28/73 7/26/73	188.2 188.8 187.2 186.9 186.8 186.5 186.4	2741.8 2741.2 2742.8 2743.1 2743.2 2743.5 2743.6	5050	03N/04W-31A01	S	36	3210.0	10/11/72 11/06/72 12/05/72 1/03/73 2/27/73 3/23/73 4/12/73 5/16/73 6/18/73 7/17/73 8/22/73 9/21/73	14.3 14.3 14.0 13.8 9.8 8.5 10.3 10.9 10.9 12.2 12.3 13.4	3195.7 3195.7 3196.0 3196.2 3200.7 3201.5 3199.7 3199.1 3199.1 3197.8 3197.7 3196.6	5050
05N/11W-21J01	S		3045.0	1/16/73	30.3	3014.7	1101								
06N/09W-30F01	S	19	2758.0	2/14/73	51.2	2706.8	5000	03N/04W-32C01	S	36	3187.0	10/11/72 11/06/72 12/05/72 1/03/73 2/27/73 3/23/73 4/06/73 5/16/73 6/18/73 7/17/73 8/22/73 9/21/73	10.5 10.5 9.9 9.9 6.1 4.6 6.2 6.1 7.5 7.9 8.8 8.9	3176.5 3176.5 3177.1 3177.1 3180.9 3182.4 3160.9 3180.9 3179.5 3179.1 3178.2 3178.1	5050
								04N/03W-07P02	S		2868.5	10/30/72 1/04/73 1/04/73 3/14/73	NM-1 NM-1 NM-1 NM-1		5101
								04N/04W-08G01	S		3165.0	10/30/72 12/06/72 1/04/73 2/06/73 3/14/73 4/06/73	NM-1 NM-1 NM-7 NM-7 NM-1 NM-1		5101
								05N/02W-33N01	S		3030.0	12/07/72 3/23/73 6/22/73 9/27/73	186.2 165.1 189.5 165.5	2843.8 2864.9 2840.5 2864.5	5702
								05N/03W-03D02	S	36	2920.0	10/27/72 4/06/73	128.6 125.8	2791.4 2794.2	5101
								05N/03W-13D01	S		2930.0	10/27/72 4/06/73	NM-4 NM-4		5101
								05N/03W-24N01	S	36	2927.7	10/27/72	111.4	2816.3	5101

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
MOJAVE HYDRO UNIT UPPER MOJAVE HYDRO SUBUNIT							W-28 W-28.B	MOJAVE HYDRO UNIT HARPER HYDRO SUBUNIT HARPER HYDRO SUBAREA							W-28 W-28.0 W-28.02
05N/03W-24N01	S	36	2927.7	4/06/73	112.1	2815.6	5101	11N/03W-30J02	S	36	2030.8	4/19/73	6.0	2024.8	5101
05N/03W-35N01	S	36	2984.0	10/30/72 4/11/73	169.7 170.8	2814.3 2813.2	5101	11N/04W-19M01	S	36	2039.1	11/10/72 4/19/73	141.4(3) 138.9(3)	1897.7 1900.2	5101
06N/03W-09F04	S	36	3085.0	10/27/72 4/10/73	31.8 31.2	3053.2 3053.8	5101	11N/04W-32A01	S	36	2058.0	11/10/72 4/19/73	133.6 NM-3	1924.4	5101
06N/05W-28F01	S	36	2875.6	11/02/72 4/06/73	120.1 120.2	2755.5 2755.4	5101	11N/04W-32001	S	36	2075.0	11/10/72	168.9	1906.1	5101
06N/06W-21A01	S		2860.0	11/02/72 4/06/73	60.0 59.8	2800.0 2800.2	5101	11N/05W-13M01	S		2036.2	11/10/72 4/19/73	105.7 103.7	1930.5 1932.5	5101
MIDDLE MOJAVE HYDRO SUBUNIT							W-28.C	LOWER MOJAVE HYDRO SUBUNIT							W-28.F
08N/03W-07N01	S		2340.0	10/31/72 12/06/72 1/04/73 2/06/73 3/14/73 4/11/73 5/04/73 6/06/73 7/10/73 8/07/73 9/13/73	31.2 31.3 30.7 30.5 29.4 28.4 27.2 26.3 26.5 26.0 25.8	2308.8 2308.7 2309.3 2309.5 2310.6 2311.6 2312.8 2313.7 2313.5 2314.0 2314.2	5101	09N/01E-03M01	S	36	1948.0	10/26/72 4/10/73	97.3(1) 97.8(1)	1850.7 1850.2	5101
08N/04W-20N01	S	36	2407.7	11/10/72 4/11/73	18.2(1) 16.5	2389.5 2391.2	5101	09N/01E-13E02	S	36	1949.6	10/30/72 12/06/72 1/04/73 2/06/73 3/14/73 4/10/73 5/04/73 6/06/73 7/10/73 8/07/73 9/13/73	101.8 101.6 101.1 101.2 101.3 101.3 101.4 101.8	1847.8 1848.0 1848.5 1848.4 1848.1 1848.3 1848.2 1847.8	5101
09N/02W-04R02	S	36	2160.0	10/31/72 4/10/73	49.4 50.7	2110.6 2109.3	5101	09N/02E-14N02	S	36	1886.0	10/30/72 12/06/72 1/04/73 2/06/73 3/14/73 4/10/73 5/04/73 6/06/73 7/10/73 8/07/73 9/13/73	45.6 47.7 45.5 45.4 45.5 46.3 46.5 47.0 47.8 47.0 47.4	1840.4 1838.3 1840.6 1840.6 1840.5 1839.7 1839.5 1839.0 1838.2 1839.0 1838.6	5101
09N/02W-20R01	S	36	2293.0	10/31/72 12/06/72 1/04/73 2/06/73 3/14/73 4/11/73 5/04/73 6/06/73 7/10/73 8/07/73 9/13/73	128.9 128.8 129.0 128.9 128.8 128.8 129.1 129.3 129.4 129.7 130.0	2164.1 2164.2 2164.0 2164.1 2164.2 2164.2 2163.9 2163.7 2163.6 2163.3 2163.0	5101	09N/02E-20001	S	36	1921.4	10/30/72 4/10/73 7/10/73 8/06/73 9/13/73	77.3 77.2 80.2 91.8 82.6	1844.1 1844.2 1841.2 1829.8 1838.8	5101
09N/02W-34001	S		2450.0	10/30/72 4/10/73	NM-9 NM-9		5101	09N/04E-07M02	S	36	1803.0	10/30/72 12/06/72 1/04/73 2/06/73 3/14/73 5/04/73 8/07/73 9/13/73	42.0 40.3 45.0 43.3 42.2 44.9 49.0 48.2	1761.0 1762.7 1758.0 1759.7 1760.8 1758.1 1758.0 1758.8	5101
09N/03W-11N01	S	36	2209.0	10/31/72 4/11/73	50.3 51.6	2158.7 2157.4	5101	09N/01W-10002	S	36	2045.0	10/26/72 4/10/73	16.0 15.1	2029.0 2029.9	5101
09N/03W-28A03	S	36	2245.0	10/31/72 4/11/73	43.2 32.9	2201.8 2212.1	5101	09N/01W-10M02	S		2097.4	10/30/72 4/10/73	NM-4 NM-4		5101
10N/02W-19P01	S		2216.0	3/14/73 5/04/73 6/06/73 8/07/73 9/13/73	NM-1 NM-1 NM-1 NM-1 NM-1		5101	09N/01W-10M02	S		2097.4	10/30/72 4/10/73	NM-4 NM-4		5101
10N/02W-32K01	S	36	2170.0	10/31/72 4/10/73	50.2 50.6	2119.8 2119.4	5101	TROY HYDRO SUBUNIT TROY HYDRO SUBAREA							W-28.F W-28.F2
10N/03W-27001	S	36	2164.6	10/31/72 12/06/72 1/04/73 2/06/73 3/14/73 4/10/73 5/04/73 6/06/73 7/10/73 8/07/73 9/13/73	66.8 66.7 66.5 66.5 66.5 66.6 66.9 67.0 67.3 67.3 68.4	2097.8 2097.9 2098.1 2098.1 2098.1 2098.0 2097.7 2097.6 2097.3 2097.3 2096.2	5101	08N/03E-04R03	S	36	1819.6	10/30/72 4/10/73	14.3 12.7	1805.3 1806.9	5101
10N/03W-27001	S	36	2164.6	10/31/72 12/06/72 1/04/73 2/06/73 3/14/73 4/10/73 5/04/73 6/06/73 7/10/73 8/07/73 9/13/73	66.8 66.7 66.5 66.5 66.5 66.6 66.9 67.0 67.3 67.3 68.4	2097.8 2097.9 2098.1 2098.1 2098.1 2098.0 2097.7 2097.6 2097.3 2097.3 2096.2	5101	09N/03E-19F01	S	36	1860.1	10/30/72 4/10/73	22.2 22.4	1837.9 1837.7	5101
10N/03W-27901	S	36	2185.0	10/31/72 4/10/73	111.5 NM-4	2073.5	5101	09N/03F-29G02	S	36	1850.0	10/30/72 4/10/73	16.1 34.3(1)	1833.9 1815.7	5101
10N/03W-35003	S		2197.0	10/31/72 4/10/73	NM-9 NM-1		5101	09N/03F-34003	S	36	1828.8	10/30/72 4/10/73	51.5 51.4	1777.3 1777.4	5101
HARPER HYDRO SUBUNIT HARPER HYDRO SUBAREA							W-28.0 W-28.02								
325/43F-28001	M		2277.0	11/10/72 4/19/73	NM-7 NM-7		5101								
10N/03W-36J02	S	36	2180.0	10/31/72 12/06/72 1/04/73 2/06/73 3/14/73 5/04/73 6/06/73 7/10/73 8/07/73 9/13/73	67.6 66.4 65.7 65.5 69.0(3) 69.9 NM-1 NM-1 NM-1 NM-1	2112.4 2113.6 2114.3 2114.5 2111.0 2110.1	5101								
11N/03W-30J01	S	36	2033.0	11/10/72 4/19/73	4.1 3.2	2028.9 2029.8	5101								
11N/03W-30J02	S	36	2030.8	11/10/72	3.9	2026.9	5101								

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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
COLORADO R. BASIN DRAINAGE PROV LUCERNE HYDRO UNIT							X X-01	DEADMAN HYDRO UNIT							X-07
04N/01E-02L01	5	36	2927.0	12/07/72	97.2	2829.8	5702	02N/07E-02C01	S		2300.0	4/10/73	111.8(2)	2188.2	5000
				3/23/73	96.3	2830.7		02N/07E-02D01	S		2290.0	4/10/73	NM-1		5000
				6/22/73	99.0	2828.0		02N/07E-03A01	S	36	2300.0	4/10/73	135.0(4)	2165.0	5000
				9/27/73	101.2	2825.8		02N/07E-03R01	S	36	2355.7	4/10/73	130.0	2225.3	5000
04N/01F-02M01	5	36	2922.0	3/23/73	102.3	2819.7	5702	02N/07E-03E01	S	36	2400.0	4/10/73	165.0(4)	2235.0	5000
				6/22/73	111.7	2810.3		02N/07F-04M01	S		2442.2	4/10/73	199.3	2242.9	5000
04N/01E-03L01	5		2917.0	12/07/72			5702								
				3/23/73											
				6/22/73											
				9/27/73											
04N/01F-05M01	5	36	2905.0	12/07/72	137.0	2768.0	5702								
				3/23/73	133.0	2772.0									
				6/22/73	142.0	2763.0									
				9/27/73	142.7	2762.3									
04N/01E-06R01	5	36	2895.0	10/30/72	114.9	2780.1	5101								
				4/11/73	117.6	2777.4									
04N/01F-07P02	5		2950.0	12/07/72	137.8	2812.2	5702								
				3/23/73	140.6	2809.4									
				6/22/73	149.3	2800.7									
				9/27/73											
04N/01E-07R02	5	36	2940.0	12/07/72	119.8	2820.2	5702								
				3/23/73	109.2	2830.8									
				6/22/73	108.4	2831.6									
				9/27/73	112.9	2827.1									
04N/01F-10001	5		2988.0	12/07/72			5702								
04N/01E-11D02	5	36	2940.0	12/07/72	114.4	2825.6	5702								
				3/23/73	118.2	2821.8									
				6/22/73	113.7	2826.3									
				9/27/73	114.0	2826.0									
04N/01F-20A01	5		3035.0	12/07/72	131.6	2903.4	5702								
				3/23/73	139.4	2895.6									
				6/22/73	132.9	2902.1									
				9/27/73	131.9	2903.1									
05N/01E-16C01	5	36	2932.0	12/07/72	117.1	2814.9	5702								
				3/23/73	117.2	2814.8									
				6/22/73	117.3	2814.7									
05N/01E-17D01	5	36	2880.0	12/07/72	115.8	2764.2	5702								
				3/23/73	14.4	2865.6									
				6/22/73	116.0	2764.0									
05N/01F-27M01	5	36	2930.0	12/07/72	109.9	2821.1	5702								
				3/23/73	107.2	2822.8									
				6/22/73	106.5	2823.5									
04N/01W-02P01	5	36	2880.0	3/23/73	88.3	2791.7	5702								
				6/22/73	109.0	2771.0									
04N/01W-03O01	5	36	2850.0	12/07/72	13.1	2836.9	5702								
				3/23/73	12.1	2837.9									
				6/22/73	12.4	2837.6									
04N/01W-08N01	5		2940.0	12/07/72	15.2	2924.8	5702								
				3/23/73	15.2	2924.8									
				6/22/73	15.3	2924.7									
				9/27/73	16.4	2923.6									
04N/01W-09O01	5	36	2975.0	10/30/72	45.0	2930.0	5101								
				4/11/73	44.0	2931.0									
04N/01W-10A01	5		2907.0	12/07/72	8.7	2898.3	5702								
				3/23/73	7.1	2899.9									
				6/22/73	8.8	2898.2									
04N/01W-14A02	5	36	2965.0	12/07/72	85.1	2879.9	5702								
				3/23/73	85.5	2879.5									
				6/22/73	93.4	2871.6									
				9/27/73	85.1	2879.9									
04N/01W-14R02	5	36	2940.0	12/07/72	15.3	2924.7	5702								
				3/23/73	17.0	2923.0									
				6/22/73	15.8	2924.2									
				9/27/73	16.7	2923.3									
04N/02W-13A01	5		2980.0	10/30/72	68.1	2911.9	5101								
				4/11/73	68.0	2912.0									
05N/01W-01C01	5	36	2920.0	10/30/72	155.3	2764.7	5101								
				4/11/73	155.4	2764.6									
05N/01W-01L01	5	36	2905.0	10/30/72	134.2	2770.8	5101								
				4/11/73	134.5	2770.5									
06N/01W-05J01	5	36	3229.0	10/30/72	119.8	3109.2	5101								
				4/11/73	119.8	3109.2									
06N/01W-22P01	5		3059.0	10/30/72	157.5	2901.5	5101								
				4/11/73	157.7	2901.3									
06N/01W-36K02	5	36	2940.0	10/30/72	194.5	2745.5	5101								
				4/11/73	197.9	2742.1									

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TABLE C-1  
GROUND WATER LEVELS AT WELLS  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
JOSHUA TREE HYDRO UNIT WARREN HYDRO SUBUNIT							X-08 X-08.A	DALE HYDRO UNIT TWENTYNINE PALMS HYDRO SUBUNIT							X-09 X-09.A
01N/06F-28L01	5	36	2970.0	11/21/72 4/18/73	162.3 164.3	2807.7 2805.7	5101	01N/09F-01R01	5		1890.0	4/09/73	NM-0		5000
01N/06E-31P01	5	36	3280.0	11/21/72 4/18/73	317.3 320.1	2962.7 2959.9	5101	01N/09E-12601	5	36	1972.7	11/03/72 4/09/73	199.2 NM-1	1773.5	5101 5000
01S/05E-04R02	5		3520.0	11/21/72 4/18/73	75.8 75.2	3444.2 3444.8	5101	01N/09E-33A02	5	36	2520.0	11/09/72 4/18/73	267.9(2) 267.8(2)	2252.1	5101
COPPER MOUNTAIN HYDRO SUBUNIT							X-08.B								
01N/06E-09001	5		3220.0	11/21/72 4/18/73			5101	01N/09E-05002	5	36	1800.0	4/09/73	31.1	1768.9	5000
01N/07E-14N01	5		2359.0	11/09/72 4/18/73	185.6 185.2	2173.4 2173.8	5101	01N/09E-06E01	5	36	1840.0	11/03/72 4/17/73	69.1(4) NM-1	1770.9	5101
01N/07E-21J01	5		2440.0	11/09/72 4/18/73	264.2 261.3	2175.8 2178.7	5101	01N/09E-07H01	5		1843.5	4/09/73	NM-0		5000
01N/07F-23A01	5	36	2865.0	4/18/73	215.4	2649.6	5101	01N/09E-09M02	5	36	1810.0	11/03/72 4/09/73	40.4 40.4	1769.6	5101 5000
01N/07E-30P01	5		2670.0	11/21/72 4/18/73	372.3 372.3	2297.7 2297.7	5101	01N/09E-16D01	5	36	1815.0	4/09/73	42.1	1772.9	5000
01S/07F-27R01	5		3770.0	3/17/73 9/25/73	169.8 168.4	3600.2 3601.6	5000	01N/09E-17E01	5	36	1870.0	11/03/72 4/09/73	110.5 110.4	1759.5	5101 5000
02S/08E-03C01	5		4300.0	3/17/73 9/25/73	98.6 94.0	4201.4 4206.0	5000	01N/09E-22E01	5	36	1827.0	11/03/72 4/17/73	55.5 55.1	1771.5	5101
02S/08E-07K01	5		4100.0	3/17/73 9/25/73	221.7 222.5	3878.3 3877.5	5000	01N/09E-27C04	5	36	1870.0	11/03/72 4/17/73	84.3 84.2	1785.7	5101
02S/08E-21G02	5		4480.0	3/17/73 9/25/73	38.6 37.8	4441.4 4442.2	5000	01N/09E-31A01	5	36	2095.0	11/09/72 4/17/73	113.4 112.4	1981.6	5101
								01N/09E-31C01	5	36	2102.3	11/09/72 4/17/73	131.5 131.0	1970.8	5101
								01N/09E-35F01	5	36	1971.0	11/03/72 4/17/73	111.7 111.4	1859.3	5101
								01N/09E-35N01	5	36	2079.5	11/03/72 4/17/73	110.0(4) 110.3	1969.5	5101
								01S/09E-03D01	5	36	2076.4	11/03/72 4/17/73	104.2 NM-1	1972.2	5101
								DALE HYDRO SUBUNIT							X-09.B
								01N/09F-12603	5		1750.0	11/09/72 4/17/73	NM-3 NM-3		5101
								01N/10E-22J01	5	36	1640.0	11/09/72 4/17/73	298.3 297.0	1341.7	5101
								01N/10E-24H02	5	36	1520.0	11/09/72 4/17/73	208.6 208.4	1311.4	5101
								01N/11E-04M01	5		1360.0	11/09/72 4/17/73	140.8 151.8(4)	1219.2	5101
								01N/11E-14A01	5	36	1285.0	11/09/72 4/17/73	80.4 80.4	1204.6	5101
								01N/11F-35R01	5	36	1265.0	11/03/72 4/17/73	65.4 65.3	1199.6	5101

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TABLE C-1  
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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
CHUCKWALLA HYORO UNIT PINTO HYORO SUBUNIT							X-17 X-17.C	WHITewater HYORO UNIT MORONGO HYORO SURUNIT							X-19 X-19.A
025/12E-36F01 S			1347.0	4/26/73 9/24/73	401.3 400.3	945.7 946.7	5000	015/04E-14N01 S 36			2750.0	11/21/72 4/18/73	185.1 184.9	2564.9 2565.1	5101
035/15E-04J01 S 33			1080.6	3/17/73 9/24/73	166.3(2) 167.7(2)	914.3 912.9	5000	015/04F-22J01 S 36			2750.0	11/21/72 4/18/73	168.0 168.0	2582.0 2582.0	5101
045/11E-27001 S 33			2975.0	3/15/73 9/24/73	188.6 187.7	2786.4 2787.3	5000	015/04E-23C03 S			2700.0	11/21/72 4/18/73	135.5 135.5	2564.5 2564.5	5101
								015/04E-29J01 S			2640.0	11/21/72	NM-7		5101
								SAN GORGONIO HYORO SURUNIT SAN GORGONIO HYORO SURAREA							X-19.C X-19.C2
								025/01E-17F01 S 33			3730.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	57.0 52.0 51.0 48.0 74.0 43.0 20.0 18.0 35.0 21.4 19.0 51.0	3673.0 3678.0 3679.0 3682.0 3656.0 3687.0 3710.0 3712.0 3695.0 3708.6 3711.0 3679.0	4829
								025/01E-17L01 S 33			3696.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	24.0 12.0 11.0 22.0 10.0 8.0 13.0 3.0 3.0 6.0 6.0 3.0	3672.0 3684.0 3695.0 3674.0 3686.0 3688.0 3693.0 3693.0 3693.0 3690.0 3690.0 3693.0	4829
								025/01F-20M01 S			3395.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	68.0 68.0 66.0 66.0 66.0 66.0 62.0 61.0 61.0 60.0 60.0 57.0	3327.0 3327.0 3329.0 3329.0 3329.0 3329.0 3333.0 3334.0 3334.0 3335.0 3335.0 3338.0	4829
								025/01E-29F01 S 33			3210.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	117.0 99.0 97.0 92.0 88.0 84.0 65.0 51.0 44.0 45.0 56.0 66.0	3093.0 3111.0 3113.0 3118.0 3122.0 3126.0 3145.0 3159.0 3166.0 3165.0 3154.0 3144.0	4829
								025/01F-29M01 S 33			3158.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	72.0 63.0 60.0 56.0 52.0 50.0 35.0 23.0 11.0 11.0 17.0 26.0	3086.0 3095.0 3098.0 3102.0 3106.0 3108.0 3123.0 3135.0 3147.0 3147.0 3141.0 3132.0	4829
								025/01E-33J01 S 33			2750.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	43.0 65.0 65.0 46.0 37.0 48.0 35.0 43.0 22.0 33.0 28.0 18.0	2707.0 2685.0 2685.0 2704.0 2713.0 2702.0 2715.0 2707.0 2728.0 2717.0 2722.0 2732.0	4829
								025/01E-33J02 S 33			2768.0	10/02/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/13/73 5/04/73 6/01/73 7/06/73	55.0 91.0 89.0 57.0 48.0 47.0 45.0 58.0 29.0 38.0	2713.0 2677.0 2679.0 2711.0 2720.0 2721.0 2723.0 2710.0 2739.0 2730.0	4829

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITEWATER HYDRO UNIT							X-19	WHITEWATER HYDRO UNIT							X-19
SAN GORGONIO HYDRO SUBUNIT							X-19.C	COACHELLA HYDRO SUBUNIT							X-19.D
SAN GORGONIO HYDRO SUBAREA							X-19.C2	MISSION CREEK HYDRO SUBAREA							X-19.D2
02S/01E-33J02 S	33		2768.0	8/03/73	30.0	2738.0	4829	02S/03E-25K01 S			2140.0	1/12/73	146.8	1993.2	5135
(CONTINUED)				9/07/73	18.0	2750.0						5/11/73	148.3	1991.7	
02S/01E-33J03 S	33		2770.0	10/02/72	50.0	2720.0	4829				1099.0	1/11/73	342.5	756.5	5135
				11/03/72	59.0	2711.0						4/17/73	343.5	755.5	5103
				12/01/72	59.0	2711.0						5/10/73	345.1	753.9	5135
				1/05/73	52.0	2718.0						9/06/73	345.8	753.2	
				2/02/73	42.0	2728.0									
				3/02/73	42.0	2728.0									
				4/13/73	39.0	2731.0									
				5/04/73	39.0	2731.0									
				6/01/73	25.0	2745.0									
				7/06/73	23.0	2747.0									
				8/03/73	18.0	2752.0									
				9/07/73	15.0	2755.0									
02S/01E-33K01 S	33		2804.0	12/14/72	23.7	2780.3	5702	02S/04E-34A01 S			1180.0	1/11/73	417.0	763.0	5135
				2/23/73	21.8	2782.2						5/10/73	417.0	763.0	
				4/27/73	21.2	2782.8						9/06/73	417.5	762.5	
				7/06/73	14.3	2789.7									
03S/01E-07E01 S	33		2521.0	10/02/72	301.0	2220.0	4829	02S/04E-35001 S	33		1044.0	1/11/73	288.9	755.1	5135
				11/03/72	302.0	2219.0						5/10/73	290.9	753.1	
				12/01/72	301.0	2220.0						9/06/73	291.5	752.5	
				1/05/73	301.0	2220.0									
				2/02/73	300.0	2221.0									
				3/02/73	301.0	2220.0									
				4/13/73	300.0	2221.0									
				5/04/73	300.0	2221.0									
				6/01/73	302.0	2219.0									
				7/06/73	340.0	2181.0									
				8/03/73	335.0	2186.0									
				9/07/73	303.0	2218.0									
03S/01E-08P01 S			2415.5	12/14/72	409.5	2006.0	5702	02S/05E-31L01 S	33		984.0	1/12/73	229.1	754.9	5135
				2/23/73	418.6	1996.9						5/03/73	227.4	756.6	
				4/27/73	403.5	2012.0									
				7/06/73	405.6	2009.9									
03S/02E-23R01 S	33		1524.0	1/12/73	312.4	1211.6	5135	03S/04E-02E01 S	33		1010.0	1/05/73	264.3	745.7	5103
				5/11/73	312.0	1212.0						2/21/73	261.7(3)	748.3	
				9/06/73	NM-8							3/13/73	261.7(3)	748.3	
03S/03E-07H01 S	33		1472.0	1/12/73	320.0	1152.0	5135					4/17/73	262.0(3)	748.0	
				5/11/73	319.8	1152.2						5/11/73	260.0	750.0	
				9/06/73	343.0(1)	1129.0						6/18/73	260.2	749.8	
03S/03E-08H01 S			1350.0	11/22/72	NM-1		5103					7/17/73	260.8	749.2	
				12/18/72	NM-7							8/17/73	260.4	749.6	
				1/12/73	221.8	1128.2	5135					9/20/73	260.8	749.2	
				4/17/73	NM-1		5103								
				5/11/73	NM-1										
				6/18/73	NM-1										
				9/06/73	221.7	1128.3	5135								
03S/01W-01N01 S			2603.1	12/14/72	357.8	2245.3	5702	03S/04E-10J01 S			869.0	10/25/72	NM-8		5103
				2/23/73	357.0	2246.1						4/17/73	NM-7		
				4/27/73	372.5	2230.6									
				7/06/73	375.8	2227.3									
COACHELLA HYDRO SUBUNIT							X-19.D	COACHELLA HYDRO SUBUNIT							X-19.D1
GARNET HILL HYDRO SUBAREA							X-19.D1	GARNET HILL HYDRO SUBAREA							X-19.D1
02S/03E-09H01 S				10/25/72	NM-7		5103	03S/04E-11R02 S	33		912.0	10/25/72	157.0	755.0	5103
02S/03E-09H02 S	33		2613.0	10/25/72	180.1	2432.9	5103					4/17/73	157.5	754.5	
				4/18/73	133.3	2479.7									
02S/03E-09J01 S				10/25/72	NM-7		5103	03S/04E-12R01 S			885.0	1/22/73	131.5	753.5	5135
03S/04E-13N01 S	33		713.0	1/11/73	228.0	485.0	5135					5/22/73	136.7	748.3	
				5/09/73	231.1	481.9						6/18/73	131.9	753.1	
				9/05/73	229.1	483.9									
03S/04E-17K01 S			901.0	10/25/72	NM-1		5103	03S/04E-12C01 S			890.0	1/22/73	137.7	752.3	5135
				1/11/73	343.1	557.9	5135					5/22/73	138.9	751.1	
				4/17/73	NM-8		5103					6/18/73	138.2	751.8	
				5/09/73	341.2	559.8	5135								
				9/05/73	342.7	558.3									
03S/04E-22A01 S	33		711.0	1/11/73	165.2	545.8	5135	03S/04E-12H01 S			842.4	1/22/73	93.7	748.9	5135
				5/09/73	164.7	546.3						5/31/73	95.4	747.2	
03S/04E-23001 S			714.0	10/25/72	169.5	544.5	5103					6/18/73	94.4	748.2	
				11/22/72	169.5	544.5									
				12/18/72	169.6	544.4									
				1/05/73	168.3	545.7									
				2/21/73	168.3	545.7									
				3/13/73	168.1	545.9									
				4/17/73	168.1	545.9									
				5/11/73	168.1	545.9									
				6/18/73	168.2	545.8									
				7/17/73	NM-1										
				8/17/73	NM-1										
				9/20/73	NM-1										
03S/05E-30G01 S	33		590.0	1/09/73	200.4	389.6	5135	03S/05E-06P01 S	33		867.0	10/25/72	118.0	749.0	5103
				5/18/73	200.0	390.0						11/22/72	118.1	748.9	
				9/06/73	200.7	389.3						12/18/72	118.3	748.7	
												1/05/73	118.2	748.8	
												2/21/73	118.4	748.6	
												3/13/73	118.1	748.9	
												4/17/73	118.6	748.4	
												5/11/73	118.8	748.2	
												6/18/73	119.0	748.0	
												7/17/73	119.2	747.8	
												8/17/73	119.7	747.3	
												9/20/73	119.9	747.1	
03S/05E-08M02 S	33		820.0	11/22/72	73.0	747.0	5103	03S/05E-10L02 S	33		925.0	1/09/73	169.0	756.0	5135
				12/18/72	73.0	747.0						5/10/73	169.1	755.9	
				1/05/73	73.1	746.9						9/06/73	169.7	755.3	
				2/21/73	73.2	746.8									
				3/13/73	73.2	746.8									
				4/17/73	76.1										

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITETWATER HYDRO UNIT COACHELLA HYDRO SUBUNIT MIPACLE HILL HYDRO SUBAREA							X-19 X-19.0 X-19.03	WHITETWATER HYDRO UNIT COACHELLA HYDRO SUBUNIT THOUSAND PALMS HYDRO SUBAREA							X-19 X-19.0 X-19.06
025/05E-30001	5	33	1095.8	10/25/72 4/17/73	96.6 95.0	999.2 1000.8	5103	045/06E-22J01	5	33	230.0	1/24/73 5/17/73 9/10/73	151.5 151.2 152.4	78.5 78.8 77.6	5135
025/05E-32E06	5	33	1167.0	1/12/73 5/10/73 9/06/73	55.0 54.2 54.7(4)	1112.0 1112.8 1112.3	5135	045/06E-22K01	5	33	215.0	1/25/73 5/17/73 9/10/73	134.0 134.4 134.4	81.0 80.6 80.6	5135
025/05E-33E05	5	33	1240.0	1/11/73 5/10/73 9/06/73	153.4 132.6 133.0	1086.6 1107.4 1107.0	5135	045/07E-30E01	5	33	161.0	1/23/73 5/16/73	121.8 122.6	39.2 38.4	5135
035/05E-03L01	5		1165.0	1/09/73 5/10/73 9/05/73	220.3 221.1 220.3	944.7 943.9 944.7	5135	045/07E-30M01	5	33	150.0	1/23/73 9/10/73	109.9 119.7	40.1 30.3	5135
035/05E-03P01	5		1055.0	1/09/73 5/10/73 9/05/73	150.3 150.6 150.3	904.7 904.4 904.7	5135	045/07E-33N01	5	33	55.0	1/23/73 5/16/73 9/14/73	41.4 46.3 49.0	13.6 8.7 6.0	5135
035/05E-04H01	5	33	1160.0	1/09/73 5/10/73 9/05/73	247.7 247.7 247.4	912.3 912.3 912.6	5135	055/07E-04A01	5	33	47.0	2/01/73 5/23/73	40.2 44.3	6.9 2.7	5135
035/05E-04K01	5	33	1074.0	10/24/72 4/16/73	86.1 87.2	987.9 986.8	5103	055/07E-04001	5	33	58.0	2/06/73 6/19/73 9/28/73	48.5 56.5 55.6	9.5 1.5 2.4	5135
035/05E-09C01	5		1020.0	10/24/72	NM-3		5103	INDIO HYDRO SUBAREA							X-19.07
035/05E-10P01	5	33	960.0	1/09/73 5/10/73 9/05/73	69.0 69.5 68.8	891.0 890.5 891.2	5135	035/04E-20001	5	33	910.0	1/05/73 2/01/73 3/06/73 4/03/73 5/02/73 6/06/73 7/03/73 8/01/73 9/04/73	529.0 532.6 535.5 535.8 545.3 545.5 545.3 545.4 547.1	381.0 377.4 374.5 374.2 364.7 364.5 364.7 364.6 362.9	5135
035/05E-11J01	5		1101.0	12/18/72 4/16/73	NM-1 NM-1		5103	035/04E-23M01	5		649.0	1/11/73 5/09/73 9/05/73	237.1 238.4 238.8	411.9 410.4 410.2	5135
035/05E-11001	5	33	1075.0	1/09/73 5/10/73 9/05/73	193.7 193.7 192.4	881.3 881.3 882.6	5135	035/04E-29F01	5	33	863.0	10/06/72 11/03/72 12/08/72 1/05/73 3/05/73 4/03/73 5/02/73 6/06/73 7/03/73 8/01/73 9/04/73	504.1 504.3 505.5 506.1 506.4 507.2 507.4 508.8 504.4 511.5 511.0	358.9 358.7 357.5 356.9 356.6 355.4 355.6 354.2 358.6 351.5 352.0	5135
035/05E-12P01	5	33	1165.0	1/09/73 5/10/73 9/05/73	305.4 305.8 306.2	859.6 859.2 858.8	5135	035/04E-29P01	5	33	780.0	10/06/72 11/03/72 12/08/72 1/05/73 3/05/73 4/03/73 5/02/73 6/06/73 7/03/73 8/01/73 9/04/73	505.3 494.1 494.3 495.7 498.0 497.2 497.0 497.5 498.8 499.1 499.2	274.7 285.9 285.7 284.3 282.0 282.8 283.0 282.5 281.2 280.9 280.8	5135
SKY VALLEY HYDRO SUBAREA							X-19.04								
035/06E-17E01	5	33	1265.0	1/24/73 5/16/73 9/06/73	474.1 474.1 472.8	790.9 790.9 792.2	5135	035/04E-30F01	5	33	944.0	11/15/72 6/01/73	565.9 570.5	378.1 373.5	5135
035/06E-21F02	5		1070.0	1/24/73 5/11/73 9/06/73	296.9 299.2 297.2	773.1 770.8 772.8	5135	035/04E-32P01	5		791.0	1/22/73	506.0	285.0	5135
035/06E-25001	5		955.0	1/17/73 5/11/73 9/07/73	233.9 232.4 232.6	721.1 722.6 722.4	5135	045/04E-01A03	5	33	510.0	1/25/73 5/23/73 9/07/73	322.6 323.5 317.2	187.4 186.5 192.8	5135
035/06E-26P01	5		960.0	1/17/73 5/11/73 9/07/73	249.2 249.7 248.4	710.8 710.3 711.6	5135	045/04E-01N02	5	33	500.0	11/14/72 3/05/73 4/05/73 5/02/73 6/02/73 7/02/73 8/02/73 9/03/73	303.8 308.8 311.6 311.8 310.8 359.8(1) 360.8(1) 361.8(1)	196.2 191.2 188.4 188.2 189.2 140.2 139.2 138.2	5135
035/06E-28A01	5	33	996.0 1000.0 996.0 1000.0	10/24/72 1/17/73 4/16/73 5/11/73 9/06/73	247.8 252.5 248.0 252.6 248.0	748.2 747.5 748.0 747.4 752.0	5103 5135 5103 5135	035/04E-30F01	5	33	944.0	11/15/72 6/01/73	565.9 570.5	378.1 373.5	5135
035/06E-36P01	5	33	772.0	1/17/73 5/11/73 9/07/73	82.3(1) 4.0 81.7	689.7 768.0 690.3	5135	035/04E-32P01	5		791.0	1/22/73	506.0	285.0	5135
045/06E-12C01	5		610.0	1/24/73 5/17/73 9/10/73	5.6 5.6 7.4	604.4 604.4 602.6	5135	045/04E-11K01	5	33	492.9	11/12/72 5/02/73 9/06/73	296.2 300.7 300.3	196.7 192.2 192.6	5135
045/06E-12K01	5		525.0	1/24/73 5/17/73 9/10/73	5.6 6.0 6.4	519.4 519.0 518.6	5135	045/04E-11001	5	33	470.0	11/11/72 3/06/73 5/03/73 9/05/73	269.2(1) 272.7(1) 274.9(1) 290.7(1)	200.4 197.3 195.1 179.3	5135
FARGO CANYON HYDRO SUBAREA							X-19.05								
045/07E-14E01	5		1100.0	5/16/73 9/13/73	373.9 377.9	726.1 722.1	5135	045/04E-11R01	5	33	458.0	11/11/72 3/06/73 5/03/73 8/06/73	219.5 226.5 227.5 228.5	238.5 231.5 230.5 229.5	5135
THOUSAND PALMS HYDRO SUBAREA							X-19.06								
045/06E-08L01	5	33	365.0	1/24/73 5/17/73 9/10/73	281.9 222.2 283.1	83.1 142.8 81.9	5135	045/04E-13H01	5	33	418.0	1/25/73 5/23/73 9/07/73	241.9 242.1 244.7	176.1 175.9 173.3	5135
045/06E-17P01	5	33	215.0	1/22/73 6/18/73	128.1 131.9	86.9 83.1	5135								
045/06E-20A01	5		203.0	1/23/73 5/17/73 9/10/73	117.5 118.1 120.7	85.5 84.9 82.3	5135								
045/06E-22C01	5	33	217.0	1/22/73 6/18/73	146.3 151.5	70.7 65.5	5135								
045/06E-22C02	5	33	217.0	1/22/73 6/18/73	141.4 145.2	75.6 71.8	5135								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITEWATER HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07	WHITEWATER HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07
04S/04E-14R01	S	33	410.0	10/07/72 3/05/73 4/02/73 9/03/73	261.5(11) 270.5(11) 240.1 279.5(11)	148.5 139.5 169.9 130.5	5135	04S/05F-29R01	C	33	312.0	5/16/73 9/07/73	168.7 170.6	143.3 141.4	5135
04S/04E-15J01	S	33	453.0	1/26/73 5/18/73	264.4 266.8	188.6 186.2	5135	04S/05E-33R01	C	33	302.0	11/13/72	163.0	139.0	5135
04S/04E-23E01	S	33	438.0	3/05/73 4/01/73 9/03/73	259.5 260.5 283.5(11)	178.5 177.5 154.5	5135	04S/05F-35N02	C	33	268.0	1/23/73 5/16/73 9/07/73	158.0 157.5 164.2(4)	110.0 110.5 103.8	5135
04S/04E-26A01	S	33	428.0	10/07/72 3/05/73 5/01/73 9/11/73	291.0(11) 256.0 296.0(11) 296.0(11)	137.0 172.0 132.0 132.0	5135	04S/05F-35G03	C	33	262.0	1/19/73 6/19/73	161.7 164.5	100.3 97.5	5135
04S/04F-35K01	S	33	528.0	1/26/73 5/23/73 9/14/73	354.0 353.8 355.1	174.0 174.2 172.9	5135	04S/05E-36N01	C	33	320.0	1/23/73 5/21/73 9/07/73	213.6 216.7 216.7	106.4 103.3 103.3	5135
04S/05F-03P01	S		380.0	1/24/73 5/23/73	218.7(11) 215.4	161.3 164.6	5135	04S/05F-36M01	C	33	257.0	1/23/73 6/05/73	149.5 158.2	107.5 98.4	5135
04S/05E-04F01	S		430.0	1/19/73 5/15/73 9/14/73	256.6(4) 255.8 257.4(4)	173.4 174.2 172.6	5135	04S/04F-18N01	C	33	230.0	1/24/73 5/17/73 9/10/73	127.1 127.2 126.2	102.4 102.4 103.8	5135
04S/05F-05K01	S		446.0	1/23/73 5/15/73 6/18/73	245.6 246.3 247.3	200.4 199.7 198.7	5135	04S/04F-18P01	C	33	232.0	1/22/73 6/18/73	126.6 132.0	105.4 100.0	5135
04S/05E-09R01	S		405.0	1/23/73 5/31/73 6/18/73	229.7 230.5 230.6	175.3 174.5 174.4	5135	04S/04F-18Q02	C	33	242.0	1/22/73 6/18/73	139.7 141.4	102.3 100.6	5135
04S/05F-09F01	S		397.0	1/23/73 6/19/73	232.4 232.4	164.6 164.6	5135	04S/04F-18R01	C	33	240.0	1/22/73 6/18/73	143.1 146.6	96.4 93.4	5135
04S/05F-11F01	S	33	327.0	1/24/73 5/23/73 9/20/73	176.3 179.0 178.0	150.7 148.0 149.0	5135	04S/04E-19C01	C	33	220.0	1/24/73 5/17/73	119.2 120.8	100.7 99.2	5135
04S/05E-15P02	S	33	346.0	1/19/73 5/15/73	212.4 207.1	133.6 138.9	5135	04S/04F-19J02	C	33	218.0	1/24/73 5/17/73 9/10/73	113.6 115.0 116.6	104.4 103.0 101.4	5135
04S/05E-16N02	S	33	360.0	1/23/73 6/19/73	210.4 211.9	149.6 148.1	5135	04S/04F-27N01	C	33	165.0	1/24/73 5/21/73 9/11/73	106.1 106.7 114.7	58.9 58.3 50.3	5135
04S/05F-17L01	S	33	375.0	10/06/72 11/03/72 12/08/72 1/09/73 2/01/73 3/05/73 4/03/73 5/02/73 6/06/73 7/03/73 8/01/73 9/05/73	209.2 209.5 210.0 210.2 210.6 210.5 210.7 211.4 211.4 211.6 211.8 212.0	165.8 165.5 165.0 164.8 164.4 164.5 164.3 163.6 163.6 163.4 163.2 163.0	5135	04S/04E-28A02	C	33	175.0	1/26/73 5/22/73 9/11/73	107.7(4) 111.3 111.8	67.3 63.7 63.2	5135
04S/05E-19N01	S	33	393.0	11/10/72 3/05/73 5/05/73	216.2 226.2 219.2	176.8 166.8 173.8	5135	04S/04F-28E01	C	33	177.0	1/26/73	96.8	80.2	5135
04S/05E-21A01	S		357.0	1/23/73 6/19/73	214.0 215.2	143.0 141.8	5135	04S/04E-28J02	C	33	166.0	1/25/73 5/21/73 9/11/73	98.1 101.4 107.3	47.4 44.8 58.7	5135
04S/05E-21H01	S		356.0	1/23/73 6/19/73	213.2 214.4	142.8 141.6	5135	04S/04E-29A01	C	33	179.0	1/25/73 5/21/73 9/11/73	98.5 100.3 103.3	80.5 78.7 75.7	5135
04S/05E-21J02	S	33	346.0	1/23/73 5/15/73 6/19/73	203.4 205.0 204.7	144.6 143.0 143.3	5135	04S/04F-34N01	C	33	160.0	1/25/73 5/21/73	102.3 102.9	57.7 57.1	5135
04S/05F-22A01	S		347.0	1/19/73 5/15/73 9/07/73	208.4 209.5 210.3	138.6 137.5 136.7	5135	04S/04F-34F01	C	33	161.0	1/24/73 5/21/73	67.6 68.0	43.4 43.0	5135
04S/05E-27F01	S		313.0	1/23/73 5/15/73 6/19/73	177.8 178.5 179.5	135.2 134.5 133.5	5135	04S/04F-34K01	C	33	158.0	1/24/73 5/21/73 9/11/73	105.5 106.0 109.8	52.5 52.0 48.2	5135
04S/05E-27N01	S		296.0	1/19/73 5/16/73 9/07/73	172.9 169.6 170.2	123.1 126.4 125.8	5135	04S/04F-34Q01	C	33	168.0	1/25/73 5/21/73 9/11/73	74.1 74.0 73.5	43.4 44.0 44.5	5135
04S/05F-29A01	S	33	332.0	1/19/73 5/16/73 9/07/73	281.7 283.0 285.2	50.3 49.0 46.8	5135	04S/07E-31O03	C	33	69.4	1/23/73 5/16/73 9/14/73	76.9 77.1 86.7	-7.5 -7.7 -16.7	5135
04S/05E-29F01	S	33	329.0	1/23/73 5/16/73 9/07/73	176.6 178.0 179.4	152.4 151.0 149.6	5135	04S/07E-32N02	C	33	73.3	1/22/73 6/19/73	55.3 66.6	18.0 6.7	5135
04S/05E-29K01	S	33	325.0	1/23/73 5/15/73	175.3 176.6	149.7 148.4	5135	05S/04F-02G01	C		582.0	1/26/73 5/17/73 9/14/73	353.4 347.5 320.2	228.4 234.5 261.4	5135
04S/05E-29R01	S	33	312.0	1/23/73	166.8	145.2	5135	05S/05E-01C01	C	33	244.0	1/25/73 5/17/73 9/12/73	149.6 149.2 154.4	94.4 94.4 89.4	5135
								05S/05E-01O02	C	33	250.8	1/26/73 5/22/73 9/10/73	149.6 151.0 152.8	101.2 99.8 98.0	5135
								05S/05E-01F02	C	33	248.0	1/24/73 5/17/73 9/12/73	151.0 151.8 155.8	97.0 96.2 92.2	5135
								05S/05F-01M03	C	33	246.2	1/24/73 5/17/73 9/12/73	148.8 149.3 157.1	97.4 96.9 89.1	5135
								05S/05E-01O01	C	33	239.0	1/25/73	146.9	92.1	5135



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITewater HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07	WHITewater HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07
055/05E-01001	S	33	239.0	5/17/73	147.7	91.3	5135	055/06E-18902	S	33	193.0	6/21/73	138.0	55.0	5135
055/05E-02F02	S	33	252.0	1/19/73 6/20/73	152.3 156.2	99.7 95.8	5135	055/06E-20P01	S	33	267.0	2/09/73 3/06/73 6/22/73	208.9 207.0 211.7	58.1 60.0 55.3	5135
055/05E-02L01	S	33	252.0	1/25/73 5/22/73 9/12/73	153.7 155.0(4) 158.2	98.3 97.0 93.8	5135	055/06E-21N01	S	33	248.0	2/08/73 3/22/73 6/22/73	186.8 185.4 187.8	61.2 62.6 60.2	5135
055/05E-02001	S	33	239.0	1/25/73 5/17/73 9/13/73	149.8 149.0 155.4	89.2 90.0 83.6	5135	055/06E-22B01	S	33	160.0	1/26/73 5/22/73	115.4 113.5	44.6 46.5	5135
055/05E-03A01	S	33	260.0	1/19/73 6/21/73	156.7 159.0	103.3 101.0	5135	055/06E-22N01	S	33	211.0	2/08/73 6/21/73	154.0 158.4	57.0 52.6	5135
055/05E-11A01	S	33	234.0	1/19/73 6/19/73	149.0 153.7	85.0 80.3	5135	055/06E-22P01	S	33	198.0	2/08/73 3/22/73 6/21/73	142.0 141.4 141.7	56.0 56.6 56.3	5135
055/05E-12C01	S	33	261.0	1/19/73 6/19/73	149.7 153.3	111.3 107.7	5135	055/06E-22P02	S	33	205.0	2/08/73 6/21/73	142.9 143.7	62.1 61.3	5135
055/05E-12C02	S	33	230.0	1/19/73 6/20/73	146.8 148.7	83.2 81.3	5135	055/06E-22001	S	33	175.0	1/26/73 5/22/73 9/18/73	137.4 136.4 140.7	37.6 38.6 34.3	5135
055/05E-12D01	S	33	239.0	1/25/73 5/17/73 9/13/73	148.5 151.4 153.9	90.5 87.6 85.1	5135	055/06E-23L03	S	33	144.0	1/26/73 5/22/73 9/18/73	95.8 95.9 98.3	48.2 48.1 45.7	5135
055/05E-12H01	S	33	222.0	1/25/73 5/17/73 9/13/73	142.4 142.3 143.2(2)	79.6 79.7 78.8	5135	055/06E-23M01	S	33	160.0	2/08/73 5/09/73 6/21/73	107.3 107.6 110.5	52.7 52.4 49.5	5135
055/05E-12H02	S	33	220.0	1/19/73 6/19/73	144.4 147.6	75.6 72.4	5135	055/06E-24G01	S	33	108.0	2/07/73 5/09/73 6/20/73	94.6 97.5 95.1	13.4 10.5 12.9	5135
055/05E-12L02	S	33	240.0	1/19/73 6/20/73	149.6 152.5	90.4 87.5	5135	055/06E-25A01	S	33	85.0	1/30/73 5/22/73 9/18/73	75.2 76.8 77.8	9.4 8.2 7.2	5135
055/05E-12001	S	33	235.0	1/19/73 6/21/73	149.5 152.3	85.5 82.7	5135	055/06E-27B01	S	33	180.0	2/09/73 6/22/73	127.5 129.2	52.5 50.8	5135
055/05E-13A01	S	33	225.0	1/19/73 6/20/73	146.1 149.2	78.9 75.8	5135	055/06E-27C01	S	33	204.0	2/08/73 3/22/73 6/21/73 7/03/73	139.9 138.8 142.4 143.9	64.1 65.2 61.6 60.1	5135
055/06E-02A01	S	33	140.0	2/17/73 6/21/73	97.4 102.3	42.6 37.7	5135	055/06E-27C02	S	33	211.0	2/08/73 4/18/73 6/21/73	149.0 152.0 153.8	62.0 59.0 57.2	5135
055/06E-02A02	S	33	140.0	2/12/73 6/21/73	102.3 114.2	37.7 25.8	5135	055/06E-28C01	S	33	262.0	2/08/73 3/22/73 6/22/73	199.4 199.0 201.9	62.6 63.0 60.1	5135
055/06E-05001	S	33	245.0	2/12/73 6/20/73	175.7 174.5	69.3 70.5	5135	055/06E-28C02	S	33	262.0	6/21/73	204.2	57.8	5135
055/06E-06N01	S	33	229.0	1/26/73 5/22/73 9/14/73	146.0 147.5 149.7	83.0 81.5 79.3	5135	055/06E-28F01	S	33	332.0	1/30/73 5/22/73 9/18/73	263.6 267.3 270.8	68.4 64.7 61.2	5135
055/06E-06001	S	33	220.3	2/08/73 6/20/73	144.0 146.8	76.3 73.5	5135	055/06E-29R01	S	33	310.0	1/30/73 5/22/73 9/18/73	250.3 240.4 254.3	59.7 69.6 55.7	5135
055/06E-07J01	S	33	210.0	1/26/73 5/24/73 9/14/73	127.9 134.1 137.9	82.1 75.9 72.1	5135	055/06E-29M01	S	33	405.0	1/15/73 3/06/73 6/22/73	347.0 347.4 346.8	58.0 57.6 58.2	5135
055/06E-07002	S	33	206.0	2/12/73 6/21/73	133.7 136.9	72.3 69.1	5135	055/06E-29P01	S	33	454.7	2/09/73 3/06/73 6/22/73	402.0 401.1 404.6	52.7 53.6 50.1	5135
055/06E-07003	S	33	210.0	2/12/73 6/21/73	135.0 138.5	75.0 71.5	5135	055/06E-29901	S	33	395.0	2/08/73 6/22/73	337.4 342.4	57.6 52.6	5135
055/06E-08L02	S	33	204.5	1/26/73 5/22/73 9/14/73	130.2 130.5 132.0	74.3 74.0 72.5	5135	055/06E-32G01	S	33	455.0	1/30/73 5/22/73 9/18/73	390.9 390.4 395.6	64.1 64.6 59.4	5135
055/06E-13001	S	33	178.0	2/07/73 4/18/73 6/20/73	147.5 145.3 145.6	30.5 32.7 32.4	5135	055/06E-36L01	S	33	53.0	1/30/73 5/22/73 9/18/73	78.5 80.2 80.9	-25.5 -27.2 -27.4	5135
055/06E-13K01	S	33	160.0	2/07/73 6/11/73	130.6 132.0	29.4 28.0	5135	055/07E-04M01	S	33	50.0	2/01/73 5/22/73	42.8 45.3	7.2 4.7	5135
055/06E-14001	S	33	165.0	2/07/73 6/20/73	125.3 125.8	39.7 39.2	5135	055/07E-06B01	S	33	92.9	2/01/73 5/23/73	75.1 80.2	17.8 12.7	5135
055/06E-16A01	S	33	181.0	2/08/73 6/20/73	127.8 127.0	53.2 54.0	5135	055/07E-06H01	S	33	83.0	2/01/73 5/23/73	68.8 74.6	14.2 8.4	5135
055/06E-16H01	S	33	160.0	2/08/73 6/20/73 7/03/73	103.7 105.8 106.5	56.3 54.2 53.5	5135	055/07E-07F01	S	33	103.0	2/02/73	86.3	16.7	5135
055/06E-16M01	S	33	179.0	1/26/73 5/22/73 9/18/73	125.0 123.0 126.8	54.0 56.0 52.2	5135								
055/06E-18L02	S	33	198.0	2/12/73 6/19/73	137.0 141.0	61.0 57.0	5135								
055/06E-18R01	S	33	192.0	2/09/73 6/21/73	134.8 137.3	58.2 55.7	5135								
055/06E-18R02	S	33	193.0	2/09/73	135.5	57.5	5135								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITewater HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07	WHITewater HYDRO UNIT COACHELLA HYDRO SUBUNIT INDIO HYDRO SUBAREA							X-19 X-19.0 X-19.07
055/07E-07F01	S	33	103.0	5/24/73	86.5	16.5	5135	055/07E-36G01	S		-32.0	5/24/73 9/18/73	14.9 15.2	-46.9 -47.2	5135
055/07E-07P01	S	33	97.0	2/06/73 6/20/73 9/28/73	85.4 88.6 89.0	11.6 8.4 8.0	5135	055/07E-36001	S		-34.0	2/01/73 5/25/73 9/18/73	15.8 16.7 16.1	-49.8 -50.7 -50.1	5135
055/07E-08G01	S		90.0	2/02/73 5/23/73 9/18/73	81.1 83.9 85.2	8.9 6.1 4.8	5135	055/08E-17N01	S		30.0	1/10/73 5/24/73 9/20/73	71.0 78.2 76.0	-41.0 -48.2 -46.0	5135
055/07E-08001	S	33	50.0	2/01/73 9/18/73	54.8 60.4	-4.8 -10.4	5135	055/08E-20C02	S	33	20.0	1/10/73 5/25/73 9/20/73	66.4 76.9 74.6	-46.4 -56.9 -54.6	5135
055/07E-09F01	S		44.0	2/01/73 5/23/73 9/19/73	42.9 46.3 50.1	1.1 -2.3 -6.1	5135	055/08E-28M01	S		25.0	1/10/73 5/24/73 9/19/73	45.1 45.0 55.1	-20.1 -20.0 -30.1	5135
055/07E-10E01	S		28.0	2/01/73 5/25/73 9/14/73	34.7 40.3 42.2	-6.7 -12.3 -14.2	5135	055/08E-28M02	S	33	40.0	1/10/73 5/24/73	17.5 19.4	22.5 20.4	5135
055/07E-11C01	S	33	29.0	2/01/73 5/31/73 9/21/73	40.5 45.0 48.0	-11.5 -16.0 -19.0	5135	055/08E-29G01	S	33	28.0	1/10/73 5/24/73 9/19/73	25.0 26.5 27.4	3.0 1.5 0.6	5135
055/07E-12P01	S	33	3.0	2/01/73 5/31/73 9/19/73	25.6 36.3 29.6	-22.6 -33.3 -26.6	5135	055/08E-29901	S	33	50.0	1/10/73 5/24/73	14.3 20.4	35.7 29.6	5135
055/07E-13D01	S		11.0	2/01/73 5/31/73 9/19/73	16.6 22.1 22.1	-5.6 -11.1 -11.1	5135	055/08E-31J01	S	33	-52.0	1/11/73 5/24/73 9/19/73	9.2 11.2 12.1	-61.2 -63.2 -64.1	5135
055/07E-14K01	S	33	5.0	2/02/73 5/31/73 9/18/73	18.8 26.5 24.9	-13.8 -21.5 -19.9	5135	055/08E-32L01	S	33	-64.0	12/15/72 1/02/73	8.3 5.7	-72.3 -69.7	5135
055/07E-15001	S	33	5.5	2/02/73 5/31/73 9/18/73	25.1 29.8 30.2	-19.6 -24.3 -24.7	5135	055/08E-33001	S	33	60.0	12/15/72 1/02/73 5/29/73 9/19/73	6.2 5.8 7.5 9.8	53.4 54.2 52.5 50.2	5135
055/07E-16C01	S	33	30.0	2/02/73 5/24/73 9/18/73	43.6 46.2 47.7	-13.6 -16.2 -17.7	5135	055/08E-34G01	S		25.0	1/11/73	111.0	-88.0	5135
055/07E-16K02	S		33.0	2/06/73 6/19/73 9/28/73	38.0 40.6 40.5	-5.0 -7.6 -7.5	5135	065/06E-01G01	S	33	50.0	2/06/73 5/25/73 9/21/73	75.2 79.3 79.1	-25.2 -29.3 -29.1	5135
055/07E-18001	S		125.0	2/02/73 9/19/73	111.8 114.7	13.2 10.3	5135	065/06E-12G01	S	33	90.0	2/08/73 6/06/73 9/21/73	119.3 118.7 125.2	-29.3 -24.7 -35.2	5135
055/07E-18M02	S	33	120.0	2/06/73 6/20/73 9/28/73	114.7 116.3 117.6	5.3 3.7 2.4	5135	065/06E-17K01	S	33	975.0	2/08/73 6/05/73 9/20/73	219.5 203.5 236.7(14)	755.5 771.5 740.3	5135
055/07E-21F02	S		40.0	2/02/73 5/25/73 9/18/73	43.6 46.7 47.9	-3.6 -6.7 -7.9	5135	065/07E-01H01	S	33	-45.4	2/06/73 5/25/73 9/21/73	14.4 21.0 25.0(11)	-61.9 -66.5 -70.7	5135
055/07E-22M02	S	33	5.0	2/02/73 5/25/73	38.2 42.7	-33.2 -37.7	5135	065/07E-01P01	S		-50.0	2/06/73 5/25/73 9/21/73	6.6 6.5 7.3	-56.6 -56.5 -57.3	5135
055/07E-27801	S	33	16.5	2/05/73 5/25/73	41.8 43.2	-25.3 -26.7	5135	065/07E-02G01	S	33	-11.2	2/06/73 5/25/73 9/21/73	23.9 24.4 23.3	-35.1 -35.6 -34.5	5135
055/07E-27A02	S	33	13.5	2/05/73 5/31/73 9/25/73	37.0 38.7 38.7	-23.5 -25.2 -25.2	5135	065/07E-04002	S	33	32.0	2/05/73 5/25/73 9/21/73	60.5 62.2 61.4	-28.5 -30.2 -29.4	5135
055/07E-27L01	S	33	20.0	2/05/73 5/25/73 9/19/73	49.7 56.4 58.8	-29.7 -36.4 -38.8	5135	065/07E-05801	S	33	45.0	2/05/73 9/21/73	75.7 84.5	-30.7 -39.5	5135
055/07E-28E01	S		43.0	2/06/73 6/19/73 9/28/73	61.0 63.0 63.0	-18.0 -20.0 -20.0	5135	065/07E-07801	S	33	50.0	2/05/73 5/25/73 9/21/73	70.8 73.2 73.0	-20.4 -23.2 -21.0	5135
055/07E-30C02	S		75.0	2/05/73 5/31/73 9/18/73	77.0 79.0 81.0	-2.0 -4.0 -6.0	5135	065/07E-08002	S		31.0	2/05/73 5/25/73 9/21/73	55.0 58.4 58.0	-24.0 -27.4 -27.0	5135
055/07E-30F01	S		76.0	6/19/73	78.0	-2.0	5135	065/07E-09L02	S	33	9.5	2/05/73 5/25/73 9/21/73	37.3 37.8 35.8	-27.8 -28.3 -26.3	5135
055/07E-30F02	S	33	76.0	2/06/73 6/19/73	76.5 76.5	-0.5 -0.5	5135	065/07E-10G01	S		-15.0	2/07/73 6/05/73 9/21/73	18.9 18.0 17.4	-33.9 -33.0 -32.6	5135
055/07E-33002	S	33	43.0	2/05/73 5/25/73 9/18/73	65.4 71.3 71.9	-22.4 -28.3 -28.9	5135	065/07E-12F01	S	33	-45.0	2/06/73 5/25/73 9/21/73	7.9 9.0 9.2	-52.9 -54.0 -54.2	5135
055/07E-33F02	S		40.5	2/05/73 5/25/73	60.5 66.2	-20.0 -25.7	5135	065/07E-13M02	S	33	-56.0	1/03/73 2/07/73 6/19/73	9.5 8.7 9.9	-65.5 -64.7 -65.9	5135
055/07E-33M01	S	33	40.0	2/05/73 5/24/73 9/18/73	65.3 72.4 73.4	-25.3 -32.4 -33.4	5135	065/07E-17P01	S		-5.0	2/06/73 6/05/73 9/21/73	49.5 52.3 50.9	-54.5 -57.3 -55.9	5135
055/07E-36G01	S		-32.0	2/01/73	13.4	-45.4	5135	065/07E-22801	S		-42.0	1/03/73	10.0	-52.0	5135

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITewater HYORO UNIT COACHELLA HYORO SUBUNIT INDIO HYORO SUBAREA							X-19 X-19.0 X-19.07	WHITewater HYORO UNIT COACHELLA HYORO SUBUNIT INDIO HYORO SUBAREA							X-19 X-19.0 X-19.07
065/07E-22801 S (CONTINUED)			-42.0	2/06/73 5/29/73 9/21/73	9.4 10.4 10.0	-51.4 -52.4 -52.0	5135	065/09E-32A01 S (CONTINUED)	33		20.0	6/15/73 9/25/73	189.8 182.1	-169.8 -162.1	5135
065/07E-23003 S	33		-52.0	2/06/73 6/05/73 9/21/73	17.6 22.3 22.0	-69.6 -74.3 -74.0	5135	065/09E-32001 S	33		100.0	2/02/73 6/13/73 9/25/73	50.0 73.9 58.0	40.0 26.1 32.0	5135
065/07E-23F01 S	33		-55.0	2/06/73 6/05/73 9/21/73	15.9 21.1 20.4	-70.9 -76.1 -75.4	5135	065/09E-33K01 S	33		25.0	2/02/73 6/13/73 9/25/73	188.5 193.5 195.0	-163.5 -168.5 -170.0	5135
065/07E-24001 S				1/03/73	FLOW		5135	075/07E-01C01 S			-112.0	2/02/73 6/12/73	-8.7 -3.5	-103.3 -108.5	5135
065/08E-02D01 S	33		9.0	1/30/73 6/13/73 9/25/73	95.7 (4) 99.4 98.2	-86.7 -90.4 -89.2	5135	075/07E-02H01 S			-105.0	2/02/73 6/12/73	-8.0 -3.2	-97.0 -101.8	5135
065/08E-02F01 S			11.0	1/30/73 6/12/73	108.0 113.0	-97.0 -102.0	5135	075/07E-03A01 S			-72.0	1/03/73 2/02/73 6/13/73 9/25/73	17.7 16.4 17.9 18.3	-89.7 -88.4 -89.9 -90.3	5135
065/08E-03C01 S			-69.5	12/15/72 1/02/73 6/12/73 9/20/73	7.5 5.3 18.4 18.0	-77.0 -74.8 -87.9 -87.5	5135	075/08E-03A01 S			-159.5	2/02/73 6/12/73 9/25/73	-20.6 -11.8 -11.8	-138.9 -147.7 -147.7	5135
065/08E-05P01 S			-75.0	1/03/73 6/12/73	7.0 8.9	-82.0 -83.9	5135	075/08E-07P01 S			-90.0	1/05/73 2/02/73 6/12/73 9/25/73	28.9 28.9 29.9 30.4	-118.9 -118.9 -119.9 -120.4	5135
065/08E-05R01 S	33		-80.5	12/15/72 1/02/73 2/07/73 6/20/73	-0.4 -1.9 -2.1 -8.2	-80.1 -78.6 -78.4 -72.3	5135	075/08E-08N01 S	33		-92.0	2/02/73 6/12/73	34.3 28.8	-126.3 -120.8	5135
065/08E-05P02 S	33		-82.2	1/02/73	0.9	-83.1	5135	075/08E-09M01 S	33		-147.0	2/02/73 6/12/73 9/25/73	-28.4 -25.5 -23.4	-118.6 -121.5 -123.6	5135
065/08E-06G03 S	33		-62.5	1/31/73 6/12/73 9/20/73	8.0 11.7 10.5	-70.5 -74.2 -73.0	5135	075/08E-16G01 S				1/05/73	FLOW		5135
065/08E-09004 S	33		-102.0	1/31/73 6/12/73 9/20/73	-8.6 -1.7 -0.8	-93.4 -100.3 -101.2	5135	075/08E-17A01 S			-115.0	1/05/73 2/02/73 6/12/73 9/25/73	3.7 3.4 6.0 6.7	-118.7 -118.7 -121.0 -121.7	5135
065/08E-10F01 S	33		-99.0	1/30/73 6/12/73 9/20/73	-6.3 -4.7 -1.5	-92.7 -94.3 -97.5	5135	075/08E-17F01 S	33		-79.0	2/05/73 6/12/73 9/25/73	38.7 41.2 42.3	-117.7 -120.2 -121.3	5135
065/08E-17R01 S			-109.5	1/31/73 6/12/73 9/20/73	-9.2 -1.2 -3.0	-100.3 -108.3 -106.5	5135	075/08E-18C01 S			-73.0	2/02/73 6/12/73 9/25/73	42.6 43.7 44.7	-115.6 -116.7 -117.7	5135
065/08E-19D01 S			-85.0	1/31/73 6/12/73 9/20/73	-16.1 -13.9 -8.2	-68.9 -71.1 -76.8	5135	075/08E-18C02 S			-74.0	2/02/73 6/12/73	42.0 42.1	-116.0 -116.1	5135
065/08E-19002 S	33		87.0	1/31/73 6/12/73 9/20/73	3.2 9.0 NM-7	83.8 78.0	5135	075/08E-20P01 S			-20.0	2/05/73 6/12/73 9/26/73	97.4 100.1 106.9	-117.4 -120.1 -126.9	5135
065/08E-19R01 S			-105.0	1/31/73 6/12/73 9/20/73	-30.6 -28.2 -23.6	-74.4 -76.8 -81.4	5135	075/08E-20H01 S	33		-22.0	2/05/73 6/13/73 9/26/73	94.1 94.3 97.0	-116.1 -116.3 -119.0	5135
065/08E-22002 S	33		-120.0	2/07/73 6/19/73	-16.9 -6.5	-103.1 -113.5	5135	075/08E-22C01 S				1/05/73	FLOW		5135
065/08E-22K01 S	33		128.0	1/31/73 6/13/73 9/20/73	-5.0 -3.5 -5.8	133.0 131.5 133.8	5135	075/08E-22K01 S	33		-124.0	2/06/73 6/14/73 9/26/73	5.2 18.2 (4) 18.2	-129.2 -142.2 -142.2	5135
065/08E-25P01 S	33		-140.0	1/03/73 2/02/73 6/13/73 9/25/73	0.7 3.7 20.0 12.0	-140.7 -143.7 -160.0 -152.0	5135	075/08E-23N02 S				1/05/73	FLOW		5135
065/08E-27C01 S			-135.0	1/31/73 6/13/73 9/25/73	-23.0 -15.9 -14.8	-112.0 -119.1 -120.2	5135	075/08E-23002 S	33		-171.0	2/05/73 6/13/73	-12.5 -4.9	-158.5 -166.1	5135
065/08E-27N01 S	33		-145.5	1/31/73 6/13/73 9/20/73	-15.4 3.7 -0.4	-130.1 -149.2 -145.1	5135	075/08E-26G01 S	33		-16.5	2/06/73 6/13/73 9/26/73	108.7 110.7 112.0	-125.2 -127.2 -128.5	5135
065/08E-30P01 S	33		-99.5	1/31/73 6/13/73 9/21/73	11.8 14.1 15.1	-111.3 -113.6 -114.6	5135	075/08E-33B01 S			21.8	2/01/73 6/13/73	148.3 148.8	-126.5 -127.0	5135
065/08E-32P01 S	33		-140.0	1/31/73 6/13/73 9/20/73	-45.1 -42.9 -41.8	-94.9 -97.1 -98.2	5135	075/08E-33F01 S			75.0	2/06/73 6/13/73 9/26/73	204.5 206.5 207.4	-129.5 -131.5 -132.4	5135
065/08E-34C01 S	33		-146.0	1/31/73 6/13/73	-16.7 -5.9	-129.3 -140.1	5135	075/08E-34G01 S			-92.3	1/05/73 2/06/73 6/13/73 9/26/73	38.2 35.2 36.8 39.8	-130.5 -127.5 -129.1 -132.1	5135
065/09E-19L01 S			-38.0	6/13/73 9/25/73	144.1 139.7	-182.1 -177.7	5135	075/08E-34K01 S			-84.7 -88.0	1/05/73 2/06/73 6/13/73	46.7 43.1 38.9	-131.4 -131.1 -126.9	5135
065/09E-30A01 S	33		-51.0	2/02/73 6/13/73 9/25/73	65.3 65.1 60.9	-116.3 -116.1 -111.9	5135	075/08E-35B01 S			-163.0	1/05/73	-32.7	-130.3	5135
065/09E-32A01 S	33		20.0	2/02/73	182.7	-162.7	5135	075/08E-35K01 S			-161.1	1/05/73	-27.2	-133.9	5135



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
WHITEWATER HYDRO UNIT COACHELLA HYDRO SURUNIT INDIO HYDRD SUBAREA							X-19 X-19.0 X-19.07	WHITEWATER HYDRD UNIT COACHELLA HYDRO SURUNIT INDIO HYDRD SUBAREA							X-19 X-19.0 X-19.07
075/08F-35K01 S (CDNTINUFO)			-161.0	2/06/73 6/13/73	-27.8 -21.3	-133.2 -139.7	5135	085/09E-31R01 S			-17.8	2/07/73 6/16/73 9/28/73	154.2 155.5 155.7	-172.0 -173.3 -173.3	5135
075/09E-03N01 S			31.0	2/06/73 6/15/73 9/27/73	207.0 202.6 205.1	-176.0 -171.6 -174.1	5135	085/09E-31R02 S 33			-18.5	2/07/73 6/16/73 9/28/73	151.8 153.4 153.4	-170.4 -171.4 -171.4	5135
075/09E-04C01 S 33			-42.0	2/06/73 6/15/73 9/27/73	123.5 134.0 132.3	-165.5 -176.0 -174.3	5135	085/09E-33N01 S 33			-133.4	2/08/73 6/14/73 9/26/73	31.3 32.6 39.0	-164.4 -166.7 -172.6	5135
075/09F-04K01 S 33			-65.0	2/07/73 6/15/73 9/27/73	107.2 122.8 NM-1	-172.2 -187.8	5135								
075/09F-05M01 S 33			-152.0 -152.5	1/04/73 2/06/73 6/13/73 9/27/73	12.6 27.8 27.5 52.8(2)	-164.6 -180.3 -180.0 -205.3	5135								
075/09F-07H02 S 33			-188.0	2/06/73	-15.8	-172.2	5135								
075/09E-08P01 S 33			-180.0	2/06/73 6/15/73	0.4 9.9	-180.4 -189.9	5135								
075/09F-13N01 S			-101.0	2/07/73 6/13/73 9/27/73	44.1 45.7 44.9	-145.1 -146.7 -145.9	5135								
075/09E-16M02 S			-186.0	2/06/73 6/13/73 9/27/73	1.0 7.0 12.5	-187.0 -193.0 -198.5	5135								
075/09F-17C01 S				1/04/73	NM-1		5135								
075/09F-17K01 S 33			-195.0	2/07/73 6/16/73 9/28/73	-13.5 -11.1 -0.5	-181.5 -183.9 -194.5	5135								
075/09F-22G02 S 33			-173.0	6/15/73 9/27/73	24.9 30.1	-197.9 -203.1	5135								
075/09F-23N01 S			-187.7	2/07/73 6/18/73 9/28/73	13.2 15.8 21.0	-200.9 -203.5 -208.7	5135								
075/09F-26G02 S 33			-205.0	2/07/73	-14.8	-190.2	5135								
075/09F-30M01 S			-213.0	2/07/73 6/15/73 9/27/73	-26.8 -21.3 -6.0	-186.2 -191.7 -207.0	5135								
075/10F-20R01 S			-135.0	2/07/73	0M		5135								
075/10F-27A01 S 33			34.0	2/07/73 6/15/73 9/27/73	52.6 52.6 52.6	-18.6 -18.6 -18.6	5135								
075/10F-30G01 S				1/04/73	FLOW		5135								
085/08F-03R01 S 33			-95.1	2/07/73 6/14/73 9/26/73	12.7 NM-8 NM-8	-107.8	5135								
085/08F-03L01 S 33			-59.5	2/07/73 6/14/73 9/26/73	70.4 74.6 76.1	-129.9 -134.1 -135.6	5135								
085/08F-11A04 S			-157.0	2/07/73 6/14/73	-12.0 -6.1	-145.0 -150.9	5135								
085/08F-11R01 S 33			-149.2	1/05/73	-7.7	-141.5	5135								
085/08F-11H01 S 33			-166.0	1/05/73 2/07/73 6/14/73 9/26/73	-17.2 -17.8 -12.9 -9.4	-148.8 -148.2 -153.1 -156.6	5135								
085/08F-24A01 S 33			-155.2	2/07/73 6/14/73 9/26/73	1.4 5.6 7.6	-156.6 -160.8 -162.8	5135								
085/08F-24A02 S 33			154.0	2/07/73 6/14/73	3.2 6.4	150.8 147.6	5135								
085/08E-24J01 S 33			-148.1	2/07/73 6/15/73 9/26/73	11.3 15.6 18.8	-159.4 -163.7 -166.9	5135								
085/08F-24L01 S 33			-110.8	2/08/73 6/15/73 9/26/73	43.4 46.6 49.5	-154.2 -157.4 -166.3	5135								
085/09F-29A01 S 33			-192.1	1/08/73	-14.9	-177.2	5135								
085/09E-30A01 S 33			-152.3	2/08/73 6/15/73 9/26/73	12.8 14.3 15.5	-165.1 -166.6 -167.8	5135								
085/09E-31O01 S			-6.0	2/07/73 6/16/73 9/28/73	177.0 177.0 179.6	-183.0 -183.0 -185.6	5135								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA DRAINAGE PROVINCE							Y	SANTA ANA RIVER HYDRO UNIT							Y-01
SANTA ANA RIVER HYDRO UNIT							Y-01	LOWER SANTA ANA R HYDRO SURUNIT							Y-01.A
LOWER SANTA ANA R HYDRO SURUNIT							Y-01.A	EAST COASTAL PLAIN HYDRO SURAREA							Y-01.A1
EAST COASTAL PLAIN HYDRO SURAREA							Y-01.A1								
035/09W-04601 S 30			256.0	10/06/72	99.8(1)	156.2	4742	045/10W-14002 S 30			166.4	11/01/72	152.5	13.9	4210
				11/03/72	88.8(1)	167.2		(CONTINUED)				12/01/72	152.7	13.7	
				12/01/72	82.6(1)	173.4						1/01/73	142.5	23.9	
				1/01/73	83.0(1)	173.0						2/01/73	144.7	21.7	
				2/02/73	70.4(1)	185.6						3/01/73	136.0	30.4	
				3/02/73	43.6	212.4						4/01/73	136.4	30.0	
				4/06/73	40.4	215.6						5/01/73	142.7	23.7	
				5/04/73	46.5	209.5						6/01/73	144.7	21.7	
				6/01/73	91.6(1)	164.4						7/01/73	146.7	19.7	
				7/01/73	91.8(1)	164.2						8/01/73	145.1	21.3	
				8/03/73	92.3(1)	163.7						9/01/73	149.4	17.0	
				9/07/73	101.0(1)	155.0		045/10W-14H02 S 30			173.4	10/01/72	147.1	26.3	4210
045/09W-02P03 S 30			280.0	10/26/72	27.0	253.0	5102					11/01/72	151.4	22.0	
045/09W-07M01 S 30			204.9	10/10/72	152.4	52.5	5102					12/01/72	153.7	19.7	
				1/05/73	167.4	37.5						1/01/73	145.4	24.0	
				3/05/73	130.5	74.4						2/01/73	138.7	34.7	
				5/10/73	139.3	65.6						3/01/73	136.7	36.7	
				7/06/73	145.2	59.7						4/01/73	131.7	41.7	
				9/12/73	156.2	48.7						5/01/73	134.5	38.9	
045/09W-17001 S			231.0	11/02/72	194.5	36.5	5102					6/01/73	136.9	36.5	
				3/05/73	181.6	49.4						7/01/73	138.7	34.7	
				5/10/73	181.3	49.7						8/01/73	138.6	34.8	
				7/06/73	182.2	48.8		045/10W-15P01 S 30			152.6	10/01/72	137.5	15.1	4210
				9/12/73	191.7	39.3						11/01/72	137.5	15.1	
045/09W-18C01 S 30			197.0	11/22/72	167.2	29.8	4715					12/01/72	136.4	16.2	
				12/20/72	164.0	33.0						1/01/73	134.0	18.6	
				1/23/73	159.4	37.6						2/01/73	128.8	23.8	
				2/26/73	149.2	47.8						3/01/73	128.8	23.8	
				3/22/73	148.8	48.2						4/01/73	121.8	30.8	
				4/26/73	150.4	46.6						5/01/73	132.2	20.4	
				6/27/73	154.8	42.2						6/01/73	133.7	18.9	
				7/27/73	157.4	39.6						7/01/73	134.1	18.5	
				8/23/73	156.3	40.7						8/01/73	135.5	17.1	
				9/25/73	161.2	35.8		045/10W-15P05 S 30			155.0	10/01/72	142.2	12.8	4210
045/09W-18F01 S 30			195.0	10/28/72	162.8	32.2	4715					11/01/72	141.1	13.9	
				11/22/72	163.5	31.5						12/01/72	140.2	14.8	
				12/20/72	158.8	36.2						1/01/73	123.0	32.0	
				1/23/73	156.6	38.4						2/01/73	105.3	49.7	
				2/26/73	146.3	48.7						3/01/73	94.6	60.4	
				3/22/73	146.3	48.7						4/01/73	126.9	28.1	
				4/26/73	149.8	45.2						5/01/73	97.5	57.5	
				6/27/73	153.1	41.9						6/01/73	94.2	60.8	
				7/27/73	154.3	40.7						7/01/73	138.2	16.8	
				8/23/73	172.5(1)	22.5						8/01/73	107.6	47.4	
				9/25/73	168.9(1)	26.1		045/10W-15J04 S 30			152.0	11/02/72	141.4	10.6	5102
045/09W-18H01 S 30			195.5	11/02/72	164.3	31.2	5102					1/05/73	143.3	8.7	
				1/05/73	165.1	30.4						3/05/73	145.3	6.7	
				3/05/73	147.0	48.5						5/08/73	140.7	11.3	
				7/06/73	156.8	38.7						7/06/73	146.7	5.3	
				9/12/73	163.2	32.3						9/12/73	151.6	0.9	
045/09W-21A01 S			409.0	11/02/72	55.4	353.6	5102	045/10W-15P01 S 30			142.0	11/02/72	135.5	8.5	5102
				1/05/73	53.5(1)	355.5						1/05/73	135.7	8.3	
				3/05/73	47.7	361.3						3/05/73	135.9	8.1	
				7/06/73	40.7	368.3						5/10/73	135.7	8.3	
				9/12/73	42.5	366.5						9/12/73	135.1	8.9	
045/09W-28H02 S 30			290.0	10/28/72	268.3	21.7	4715	045/10W-17H01 S 30			123.0	10/01/72	119.1	4.9	4210
				11/22/72	269.4	20.6						11/01/72	117.5	5.5	
				12/20/72	268.3	21.7						12/01/72	113.0	10.0	
				1/23/73	268.1	21.9						1/01/73	114.5	8.5	
				2/26/73	262.6	27.4						2/01/73	110.9	12.1	
				3/22/73	263.1	26.9						3/01/73	109.7	13.3	
				4/26/73	265.8	24.2						4/01/73	104.4	18.6	
				6/27/73	264.7	25.3						5/01/73	116.7	6.3	
				7/27/73	268.3(1)	21.7						6/01/73	119.1	3.9	
				8/23/73	264.6(1)	25.4						7/01/73	120.3	2.7	
				9/25/73	266.6	23.4						8/01/73	121.0	2.0	
045/09W-33M01 S 30			226.0	11/02/72	227.2	-1.2	5102					9/01/73	118.9	4.1	
				5/10/73	214.4	11.6		045/10W-17J02 S 30			116.1	10/01/72	127.6	-11.5	4210
				7/06/73	227.8	-1.8						11/01/72	126.0	-9.9	
				9/12/73	230.7	-4.7						12/01/72	123.6	-7.5	
045/10W-11002 S 30			171.0	10/01/72	143.6	27.4	4210					1/01/73	120.0	-3.9	
				11/01/72	144.7	26.3						2/01/73	120.2	-4.1	
				12/01/72	145.2	25.8						3/01/73	130.7	-14.7	
				1/01/73	140.4	30.6						4/01/73	111.7	4.4	
				2/01/73	135.7	35.3						5/01/73	124.7	-8.7	
				3/01/73	129.7	41.3						6/01/73	125.7	-9.6	
				4/01/73	126.7	44.3						7/01/73	129.0	-12.9	
				5/01/73	131.8	39.2						8/01/73	125.7	-9.6	
				6/01/73	132.7	38.3						9/01/73	135.0	-18.9	
				7/01/73	133.1	37.9		045/10W-17L02 S 30			110.6	10/01/72	112.5	-1.9	4210
				8/01/73	134.9	36.1						11/01/72	107.5	3.1	
				9/01/73	137.5	33.5						12/01/72	109.5	1.1	
045/10W-12J02 S 30			199.0	11/02/72	158.3	40.7	5102					1/01/73	113.1	-2.6	
				1/05/73	160.0	39.0						2/01/73	109.5	1.1	
				3/05/73	131.0	68.0						3/01/73	112.5	-1.9	
				5/10/73	134.9	64.1						4/01/73	111.5	-0.9	
				7/06/73	135.1	63.9						5/01/73	112.5	-1.9	
045/10W-13G01 S			187.8	1/06/73	NM-6		5102					6/01/73	112.5	-1.9	
045/10W-14D02 S 30			166.4	10/01/72	150.8	15.6	4210					7/01/73	115.5	-4.9	



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SURUNIT EAST COASTAL PLAIN HYDRO SUBAREA							Y-01 Y-01.A Y-01.A1	SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SURUNIT EAST COASTAL PLAIN HYDRO SUBAREA							Y-01 Y-01.A Y-01.A1
045/10W-18K01	S	30	100.0	10/01/72	105.2	-5.2	4210	045/10W-23H01	S	30	163.0	1/05/73	124.9	38.1	5102
				11/01/72	101.6	-1.6		(CONTINUED)				3/05/73	126.0	37.0	
				12/01/72	98.3	1.7						5/10/73	120.5	42.5	
				1/01/73	97.1	2.9						7/06/73	126.1	38.9	
				2/01/73	95.5	4.5						9/12/73	122.6	40.4	
				3/01/73	94.0	6.0		045/10W-24B03	S	30	172.0	11/02/72	146.2	25.8	5102
				4/01/73	91.0	9.0					1/05/73	146.4	25.6		
				5/01/73	101.2	-1.2					3/05/73	133.4	38.6		
				6/01/73	105.0	-5.0		045/10W-25E01	S	30	144.5	10/03/72	114.0	30.5	5102
				7/01/73	106.5	-6.5					1/05/73	115.4	28.7		
				8/01/73	106.5	-6.5					3/05/73	114.5	30.0		
				9/01/73	108.6	-8.6					5/10/73	113.0	31.5		
045/10W-18P01	S	30	92.0	10/01/72	81.4	10.6	4210				7/06/73	123.8	20.7		
				11/01/72	81.2	10.8					9/12/73	136.0	8.5		
				12/01/72	76.2	15.8		045/10W-25F01	S	30	145.0	10/01/72	113.3	31.7	4210
				1/01/73	75.9	16.1					11/01/72	116.2	28.8		
				2/01/73	74.8	17.2					12/01/72	118.2	26.8		
				3/01/73	70.9	21.1					1/01/73	113.4	31.6		
				4/01/73	67.4	24.6					2/01/73	131.1	13.7		
				5/01/73	64.9	27.1					3/01/73	94.7	50.3		
				6/01/73	84.5	7.5					4/01/73	95.1	49.4		
				7/01/73	86.2	5.8					5/01/73	134.9	10.1		
				8/01/73	87.2	4.8					6/01/73	133.9	11.1		
				9/01/73	84.2	7.8					7/01/73	134.2	10.8		
045/10W-19G02	S	30	93.0	10/31/72	76.8	16.2	5102				8/01/73	133.5	11.5		
				1/04/73	78.3	14.7					9/01/73	135.1	9.9		
				3/01/73	75.5	17.5		045/10W-26C01	S		139.4	11/02/72	110.3	29.1	5102
				5/09/73	77.6	15.4					1/05/73	117.3	22.1		
				7/03/73	81.6	11.4					3/05/73	117.0	22.4		
045/10W-19R01	S	30	92.1	10/01/72	98.3	-6.2	4210				5/10/73	109.6	30.0		
				11/01/72	97.8	-5.7					9/12/73	123.8	15.7		
				12/01/72	95.4	-3.3		045/10W-31R02	S	30	80.0	10/31/72	64.4	15.6	5102
				1/01/73	94.9	-2.8					1/04/73	62.2	17.8		
				2/01/73	93.6	-1.5					5/09/73	66.4	13.6		
				3/01/73	92.7	-0.6					7/03/73	69.5	10.5		
				4/01/73	90.6	1.5		045/10W-34D03	S	30	95.9	11/02/72	71.5	24.4	5102
				5/01/73	92.7	-0.6					1/04/73	47.7	48.2		
				6/01/73	92.7	-0.6					3/05/73	-2.6	98.5		
				7/01/73	93.6	-1.5					5/10/73	10.0	85.4		
				8/01/73	95.2	-3.1					7/06/73	55.8	40.1		
				9/01/73	94.7	-2.6					9/12/73	75.7	20.2		
045/10W-20N01	S	30	98.0	10/01/72	92.7	5.3	4210	045/10W-35K01	S	30	121.0	11/02/72	102.8	18.2	5102
				11/01/72	78.1	19.9					1/05/73	103.3	17.7		
				12/01/72	76.8	21.2		045/11W-24A01	S	30	82.5	10/01/72	90.2	-7.7	4210
				1/01/73	76.4	21.6					11/01/72	87.5	-5.0		
				2/01/73	74.8	23.2					12/01/72	84.7	-7.2		
				3/01/73	76.0	22.0					1/01/73	83.2	-0.7		
				4/01/73	76.2	21.8					2/01/73	82.5	0.0		
				5/01/73	78.2	19.8					3/01/73	80.3	2.2		
				6/01/73	78.3	19.7					4/01/73	77.2	5.3		
				7/01/73	79.1	18.9					5/01/73	88.1	-5.6		
				8/01/73	80.5	17.5					6/01/73	91.6	-9.1		
				9/01/73	83.5	14.5					7/01/73	92.9	-10.4		
045/10W-20N02	S	30	100.0	10/01/72	79.2	20.8	4210				8/01/73	91.9	-9.4		
				11/01/72	78.7	21.3					9/01/73	83.2	-0.7		
				12/01/72	80.1	19.9		045/11W-24A03	S	30	81.5	10/31/72	56.2	25.3	5102
				1/01/73	77.6	22.4					1/04/73	59.2	22.3		
				2/01/73	74.9	25.1					7/01/73	61.8	19.7		
				3/01/73	78.9	21.1					9/06/73	61.7	19.8		
				4/01/73	77.7	22.3		045/11W-24M01	S		71.0	10/31/72	95.0	-24.0	5102
				5/01/73	81.2	18.8					10/31/72	38.7	21.1	5102	
				6/01/73	81.1	18.9					1/04/73	38.3	21.5		
				7/01/73	78.8	21.2					3/01/73	38.5	21.3		
				8/01/73	83.0	17.0					5/09/73	40.4	19.4		
				9/01/73	84.4	15.6					7/01/73	43.2	16.8		
045/10W-21F01	S	30	118.0	1/04/73	102.1	15.9	5102				9/06/73	44.5	15.1		
				5/09/73	109.1	8.9		045/11W-26J01	S		66.0	10/31/72	70.7	-4.7	5102
045/10W-21L01	S	30	123.6	10/01/72	128.1	-4.5	4210				1/04/73	71.7	-5.7		
				11/01/72	126.3	-2.7					3/01/73	71.7	-5.7		
				12/01/72	122.6	1.0					5/09/73	71.0	-5.0		
				1/01/73	121.0	2.6					7/03/73	77.5	-11.5		
				2/01/73	121.2	2.4		045/11W-35R01	S		55.4	10/31/72	47.7	7.7	5102
				3/01/73	118.4	5.2					1/04/73	48.2	7.2		
				4/01/73	113.5	10.1					3/01/73	46.1	9.3		
				5/01/73	125.4	-1.8					5/09/73	47.5	7.9		
				6/01/73	126.7	-3.1					9/06/73	56.4	-1.0		
				7/01/73	137.3	-13.7		055/04W-19H01	S		254.3	11/02/72	150.0	104.3	5102
				8/01/73	130.0	-6.4					1/11/73	146.9	107.4		
				9/01/73	132.0	-8.4					3/05/73	143.5	110.8		
045/10W-23A02	S	30	165.0	10/01/72	139.4	25.6	4210				5/10/73	140.7	113.6		
				11/01/72	140.6	24.4					7/09/73	143.2	111.1		
				12/01/72	139.2	25.8					8/24/73	145.0	109.3		
				1/01/73	136.3	28.7		055/04W-29P01	S		264.5	11/02/72	174.8	91.7	5102
				2/01/73	131.0	34.0					1/11/73	170.5	96.0		
				3/01/73	128.0	37.0					3/05/73	167.3	99.2		
				4/01/73	128.0	37.0					5/10/73	165.5	101.0		
				5/01/73	131.8	33.2					7/09/73	165.1	101.4		
				6/01/73	133.4	31.6									
				7/01/73	138.3	26.7									
				8/01/73	133.0	32.0									
				9/01/73	145.3	19.7									
045/10W-23H01	S	30	163.0	11/02/72	125.2	37.8	5102								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT FAST COASTAL PLAIN HYDRO SUBAREA							
								Y-01 Y-01.A Y-01.A1							
055/08W-31K01	S	30	219.7	11/15/72 3/19/73	181.5 144.0	38.2 75.7	4709	055/09W-31M02	S	30	34.3	1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	36.0 29.9(3) 35.9 50.6 44.7	-1.7 4.4 -1.6 -16.3 -10.4	5102
055/08W-33A01	S		439.0	11/06/72 3/12/73	54.2 14.2	384.8 424.8	4709	055/09W-33N01	S	30	40.0	10/09/72 11/06/72 1/08/73 2/05/73 4/23/73 5/21/73 7/23/73 9/25/73	30.2 28.5 35.4 22.1 19.6 22.2 23.5 23.7	9.8 11.5 4.6 17.4 18.6 17.8 16.5 16.3	5102
055/09W-04C01	S	30	203.0	3/05/73 7/06/73 9/12/73	185.2 204.7 215.3	17.8 -1.7 -12.3	5102	055/09W-34J01	S	30	67.9	11/08/72 3/05/73 7/09/73	82.0 7.0 103.7	-14.1 60.9 -35.8	4704 5102
055/09W-08R02	S	30	171.0	3/05/73 7/06/73	171.1 174.4(4)	-0.1 -3.4	5102	055/09W-34Q01	S	30	69.7	11/18/72 3/21/73	70.3 33.0	-0.6 36.7	4709
055/09W-10G01	S	30	180.4	1/05/73 3/05/73 5/10/73 9/12/73	165.1 160.1 161.8 172.3	15.3 20.3 18.6 8.1	5102	055/09W-35J01	S	30	99.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	91.3 63.0 48.2 66.5 122.7 102.3	7.7 36.0 50.8 32.5 -23.7 -3.4	5102
055/09W-14001	S	30	123.1	11/12/72 3/21/73	95.0 74.0	28.1 49.1	4709	055/09W-36R01	S	30	157.0	11/18/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	115.0 98.1 90.0 95.1 109.0 114.0	42.0 57.4 67.0 61.4 48.1 43.0	4709 5102
055/09W-15J01	S	30	107.3	11/24/72 3/21/73	112.0 78.0	-4.7 29.3	4709	055/09W-36K01	S	30	147.6	10/12/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	102.5 78.3 73.4 78.7 96.6 97.5	45.1 69.3 74.2 67.4 51.0 50.1	5102
055/09W-15R03	S	30	96.7	11/02/72 1/05/73 3/05/73 5/10/73 7/06/73 9/12/73	25.5 25.0 23.2 23.2 24.2 28.8	71.2 71.7 73.5 73.5 72.5 67.9	5102	055/09W-36Q01	S	30	158.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	112.2 94.0 89.9 91.3 109.3 109.9	45.8 64.0 68.1 66.7 48.7 48.1	5102
055/09W-16R02	S	30	127.0	3/05/73 5/10/73 9/12/73	131.6 127.3 157.7	-4.6 -0.3 -30.7	5102	055/10W-02R02	S	30	114.0	9/12/73	90.0	24.0	5102
055/09W-21R01	S	30	94.0	11/02/72 1/11/73 3/05/73 7/09/73 8/24/73	103.1 84.1 81.3 108.9 114.4	-9.1 9.9 12.7 -14.9 -20.4	5102	055/10W-09N04	S	30	67.8	11/06/72 5/13/73 5/11/73 7/10/73 9/13/73	56.4 55.3 58.2 60.6 60.8	11.0 12.5 7.6 7.0	5102
055/09W-21P02	S	30	74.5	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	20.2 20.2 19.0 19.7 20.7 20.9	54.3 54.3 55.5 54.8 53.8 53.6	5102	055/10W-09P01	S	30	74.2	10/04/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	54.5 49.0 51.9 57.5 57.7 58.0	19.7 25.2 22.4 16.7 16.1 16.2	5102
055/09W-22A02	S	30	86.8	11/24/72 3/21/73	70.0 52.0	16.8 34.8	4709	055/10W-10A05	S	30	96.2	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	66.1 63.7 67.2 70.4 69.3 70.4	30.1 32.5 29.3 26.4 26.4 25.8	5102
055/09W-22001	S	30	67.0	11/24/72 3/21/73	55.0 36.0	12.0 31.0	4709	055/10W-10N04	S	30	84.0	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	55.0 52.4 56.8 66.3 66.0 61.3	29.0 31.6 27.2 17.7 18.0 22.7	5102
055/09W-23A01	S	30	118.7	11/09/72 3/21/73	98.0 67.0	20.7 51.7	4709	055/10W-20M03	S	30	47.5	1/11/73 3/13/73 5/11/73 7/10/73	38.6 37.1 47.3 51.5	8.9 10.4 0.2 -4.0	5102
055/09W-23N01	S	30	77.0	11/02/72 1/11/73 3/05/73 5/10/73 8/24/73	69.7 42.7 39.0 39.7 67.2	7.3 34.3 38.0 37.3 9.8	5102	055/10W-23C01	S	30	61.4	10/04/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	39.8 38.3 37.1 39.6 41.9 42.8	21.6 23.1 24.3 21.8 19.5 18.6	5102
055/09W-25F01	S	30	109.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73	79.6 68.8 49.6 48.9 83.1	29.4 40.2 59.4 60.1 25.9	5102	055/10W-26N02	S	30	44.5	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	52.6 49.2 43.2 50.4 55.6 53.4	-8.1 -4.7 1.3 -5.9 -11.1 -8.9	5102
055/09W-28F01	S		57.0	11/24/72	67.0	-10.0	4709	055/10W-26R02	S	30	37.2	11/06/72 1/11/73 3/13/73 5/11/73	14.7 12.0 8.3 12.6	22.5 25.2 28.9 24.6	5102
055/09W-29M01	S	30	52.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	53.2 46.6 43.2 48.8 55.2 55.3	-1.2 5.4 8.8 3.2 -3.7 -3.3	5102								
055/09W-30F01	S	30	53.7	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	21.2 21.8 20.8 22.0 23.5 23.8	32.5 31.9 32.9 31.7 30.2 29.9	5102								
055/09W-30F02	S	30	53.8	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	51.6 48.7 46.3 44.9 51.9 53.6	2.2 5.1 7.5 8.9 1.9 0.2	5102								
055/09W-31A02	S	30	39.4	11/02/72 1/11/73 3/05/73 5/10/73	44.8 37.5 11.2 32.9	-5.4 1.0 28.2 6.5	5102								
055/09W-31R01	S	30	40.4	11/22/72 3/21/73	68.0 37.0	-27.6 3.4	4709								
055/09W-31M02	S		34.3	11/02/72	39.3	-5.0	5102								

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA							Y-01 Y-01.A Y-01.A1	SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA							Y-01 Y-01.A Y-01.A1
055/10W-26R02 5 30 (CONTINUED)			37.2	7/10/73 9/13/73	15.0 16.6	22.2 20.6	5102	065/0RW-14L01 5 30 (CONTINUED)			490.0	2/05/73 5/21/73 9/25/73	20.1 16.5 19.3	469.9 473.5 470.7	5102
055/10W-28P01 5 30			45.0	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	44.0 38.8 36.2 43.4 49.3 43.6	1.0 6.2 8.8 1.6 -4.3 1.4	5102	065/09W-01L01 5 30			142.4	11/15/72 3/19/73	107.0 71.5	35.4 70.9	4709
055/10W-31D04 5 30			20.0	1/10/73 3/13/73 5/11/73 9/12/73	24.3 19.6 26.5 27.9	-4.3 0.4 -6.5 -7.9	5102	065/09W-02A04 5 30			101.7	11/15/72 3/19/73	86.4 42.5	15.3 59.2	4709
055/10W-32P02 5 30			20.0	10/04/72 5/11/73 7/10/73 9/13/73	0.7 0.7 1.6 2.3	19.3 19.3 18.4 17.7	5102	065/09W-02D01 5 30			84.0	11/20/72 1/11/73 3/05/73 5/10/73 8/23/73	74.7 56.0 39.0 66.0(1) 100.1	9.3 28.0 45.0 18.0 -16.1	4709 5102
055/11W-03A01 5 30			46.0	1/10/73 3/13/73 5/11/73 7/09/73 9/12/73	45.8 46.9 63.6 65.5 63.4	0.2 -0.9 -17.6 -19.5 -17.4	5102	065/09W-03R01 5 30			96.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	29.2 30.2 29.8 29.3 29.4 29.1	66.8 65.8 66.2 66.7 66.6 66.4	5102
055/11W-04A01 5 30			32.0	10/04/72 1/10/73 3/13/73 5/11/73 7/09/73 9/12/73	52.4 44.8 45.1 48.9 51.7 62.3	-20.4 -12.8 -13.1 -16.9 -19.7 -30.3	5102	065/09W-04L01 5 30			48.3	11/29/72 3/21/73	52.0 40.0	-3.7 6.3	4709
055/11W-07C01 5 30			10.0	1/10/73	33.1	-23.1	5102	065/09W-04L01 5 30			10.0	11/08/72 3/21/73	12.0 0.0	-2.0 10.0	4709
055/11W-07C02 5 30			10.0	11/03/72 1/10/73 3/13/73 7/09/73	50.3 33.9 30.2 49.3	-40.3 -23.9 -20.2 -39.3	5102	065/09W-08L01 5 30			146.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	59.3 57.0 54.5 52.2 53.4 56.6	86.7 89.0 91.5 93.8 92.6 89.4	5102
055/11W-08J02 5 30			17.0	1/10/73 3/13/73 5/11/73 7/09/73	31.5 27.9 37.5 38.8	-14.5 -10.9 -20.5 -21.8	5102	065/09W-18F01 5 30			20.0	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	14.2 13.0 11.8 11.7 12.4 12.4	5.2 7.0 8.2 8.3 7.6 7.6	5102
055/11W-12F03 5 30			41.0	11/03/72 3/13/73 5/11/73 9/12/73	29.7 30.7 31.2 35.0	11.3 10.3 9.8 6.0	5102	065/09W-18F02 5 30			18.0	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	14.7 12.3 11.2 11.0 12.5 12.6	3.3 5.7 6.8 7.0 5.5 5.4	5102
055/11W-12L01 5 30			42.0	10/04/72 1/10/73 3/13/73 5/11/73	37.2 26.0 39.4 36.1	4.8 16.0 2.6 5.9	5102	065/10W-01F02 5 30			35.0	10/04/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	43.8 30.6 27.3 33.4 38.4 39.3	-8.4 4.4 7.7 1.6 -3.4 -4.3	5102
055/11W-13A02 5 30			42.0	1/10/73 3/13/73 5/11/73	45.0 42.3 42.0	-3.0 -0.3 0.0	5102	065/10W-01F05 5 30			35.0	11/06/72 3/13/73 5/11/73 7/10/73 9/13/73	44.0 32.3 32.3 39.2 39.6	-9.0 2.7 2.7 -4.2 -4.6	5102
055/11W-16A02 5 30			14.0	1/10/73 3/13/73	33.2 27.9	-19.2 -13.9	5102	065/10W-02G01 5 30			37.5	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	47.4 43.8 40.7 50.1(1) 51.1 50.9	-9.9 -6.3 -3.2 -12.6 -13.6 -13.4	5102
055/11W-24A05 5 30			35.0	11/03/72 5/11/73 9/12/73	NM-1 NM-1 NM-1		5102	065/10W-04002 5 30			60.0	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	64.0 63.1 62.1 63.0 64.1 62.4	-4.0 -3.1 -2.1 -3.0 -4.1 -2.4	5102
055/11W-24N02 5 30			25.0	1/10/73	40.9	-15.9	5102	065/10W-05R03 5 30			18.4	11/06/72 1/11/73 3/13/73 5/11/73 9/13/73	28.6 27.8 23.3 29.3 35.7(1)	-10.2 -9.4 -4.9 -10.9 -17.3	5102
055/11W-29R08 5 30			36.0	11/03/72 1/10/73 3/13/73 5/11/73 9/12/73	47.5 47.3 45.9 46.7 49.8	-11.5 -11.3 -9.9 -10.7 -13.8	5102	065/10W-05A05 5 30			20.0	11/06/72 1/11/73 3/13/73 5/11/73 7/10/73 9/13/73	27.6 27.5 21.8 28.2 32.9 30.1	-7.6 -7.5 -1.4 -8.2 -12.9 -10.1	5102
055/11W-29C01 5 30			47.0	11/03/72 1/10/73 3/13/73 5/11/73	45.3 46.4 46.9 85.4	-38.3 -39.4 -39.9 -78.4	5102	065/10W-11G01 5 30			52.0	11/06/72 1/11/73 3/13/73 5/11/73 7/16/73 9/13/73	58.4 56.1 51.1 54.1 61.1 59.2	-6.4 -4.1 0.9 -2.1 -9.1 -7.2	5102
065/08W-05F02 5 30			285.4	11/13/72 3/12/73	225.0 206.0	60.4 79.4	4709	065/10W-13F01 5 30			11.4	11/06/72 1/11/73	9.7 9.5	1.7 1.0	5102
065/08W-06J01 5 30			238.9	11/13/72 3/12/73	180.0 155.0	58.9 83.9	4709								
065/08W-06P01 5 30			203.0	11/02/72 1/11/73 3/05/73 5/10/73 7/09/73 8/24/73	129.7 122.3 118.8 120.0 126.8 125.7	73.3 80.7 84.2 83.0 76.2 77.3	5102								
065/08W-07F01 5 30			177.0	11/02/72 1/11/73 3/05/73 8/24/73	127.5 109.6 98.8 115.9	49.5 67.4 78.2 61.1	5102								
065/08W-08M01 5 30			244.1	11/06/72 3/12/73	190.0 165.0	54.1 79.1	4709								
065/08W-14L01 5 30			490.0	10/09/72 1/08/73	21.9 19.7	468.1 470.3	5102								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA							Y-01 Y-01.A Y-01.A1	SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT SANTA ANA NARROWS HYDRO SUBAREA							Y-01 Y-01.A Y-01.A3
06S/10W-13F01 S (CONTINUED)			11.4	3/13/73 5/11/73 7/10/73 9/13/73	8.9 9.0 9.3 9.7	2.5 2.4 2.1 1.7	5102	03S/09W-29001 S 33 (CONTINUED)			339.0	11/22/72 12/20/72 1/23/73 2/23/73 3/22/73 4/26/73 5/08/73 6/27/73 7/27/73 8/23/73 9/25/73	12.9 11.9 11.3 11.7 11.2 11.8 17.3 16.2 17.1 16.7 13.6	326.1 327.1 327.7 327.3 327.4 327.2 321.7 322.8 321.9 322.3 325.4	4715
06S/10W-17K01 S			19.0	11/06/72 3/13/73 5/11/73 7/10/73 9/13/73	16.9 15.1 15.4 16.3 16.3	2.1 3.9 3.6 2.7 2.7	5102	03S/09W-29002 S 33			338.0	10/29/72 11/27/72 12/20/72 1/23/73 2/26/73 3/22/73 4/26/73 6/27/73 7/27/73 8/23/73 9/25/73	13.8 12.6 12.6 12.1 11.8 11.8 12.6 15.7 16.2 16.8 13.6	324.2 325.4 325.4 325.9 326.2 326.2 325.4 322.3 321.8 321.2 325.4	4715
06S/11W-01P02 S 30			14.0	11/06/72 1/11/73 3/13/73 7/10/73	37.5 36.1 26.6 34.0	-23.5 -22.1 -12.6 -20.0	5102	03S/09W-29002 S 33			338.0	10/29/72 11/27/72 12/20/72 1/23/73 2/26/73 3/22/73 4/26/73 6/27/73 7/27/73 8/23/73 9/25/73	13.8 12.6 12.6 12.1 11.8 11.8 12.6 15.7 16.2 16.8 13.6	324.2 325.4 325.4 325.9 326.2 326.2 325.4 322.3 321.8 321.2 325.4	4715
SANTIAGO HYDRO SUBAREA							Y-01.A2	SANTIAGO HYDRO SUBAREA							Y-01.A2
05S/07W-19B01 S 30			1140.0	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 7/23/73 9/25/73	35.5 35.1 23.2 17.9 11.4 13.2 15.0 24.1 31.5	1104.5 1104.9 1116.8 1122.1 1128.6 1126.8 1125.0 1115.9 1108.5	5102	03S/09W-30N01 S 33			329.7	10/26/72 12/26/72 2/23/73 5/08/73 6/29/73 8/27/73	40.0 28.3 27.5 27.3 27.3 29.6	284.7 301.4 302.7 302.4 302.4 300.1	5102
05S/07W-19P01 S 30			1200.0	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 7/23/73 9/25/73	29.0 30.0 17.0 15.0 12.3 12.2 13.4 17.7 19.7	1171.0 1170.0 1183.0 1185.0 1187.7 1187.8 1186.6 1182.3 1180.3	5102	03S/09W-30N01 S 33			350.0	10/26/72 12/26/72 2/26/73 5/08/73 6/29/73 8/27/73	57.0 45.7 43.9 44.1 47.1 47.4	293.0 304.8 306.1 305.4 302.4 302.5	5102
05S/07W-29F01 S 30			1245.0	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 7/23/73 9/25/73	14.7 14.3 12.0 10.9 8.7 10.0 10.8 12.2 13.1	1230.3 1230.7 1233.0 1234.1 1236.3 1235.0 1234.2 1232.8 1231.9	5102	03S/09W-30P01 S 33			327.7	10/26/72 12/26/72 2/23/73 5/08/73 6/29/73 8/27/73	19.1 14.3 13.8 15.0 17.2 17.8	307.4 312.7 311.7 312.0 309.8 309.2	5102
05S/08W-01N01 S 30			905.0	10/09/72 11/06/72 1/08/73 2/05/73 3/19/73 4/23/73 5/21/73 7/23/73 9/25/73	35.4 42.6 65.8 32.0 27.8 27.5(1) 27.3 27.4 32.6	869.6 862.4 839.2 873.0 877.2 877.5 877.7 877.6 872.4	5102	03S/09W-31N01 S 33			312.0	6/29/73	13.0	294.0	5102
								03S/09W-31M04 S 30			340.0	10/26/72 12/26/72 2/23/73 5/08/73 6/29/73 8/27/73	15.3 14.3 13.7 14.0 15.1 16.6	324.7 325.7 326.5 326.0 324.7 323.4	5102
SANTA ANA NARROWS HYDRO SUBAREA							Y-01.A3	SANTA ANA NARROWS HYDRO SUBAREA							Y-01.A3
03S/08W-26N02 S 33			387.0	10/26/72 12/26/72 2/23/73 5/08/73	12.8 12.6 11.6 12.3	374.2 374.4 375.4 374.7	5102	03S/09W-31N01 S 30			325.0	10/26/72 12/26/72 2/23/73 5/08/73 6/29/73 7/24/73	30.1 28.1 27.3 28.7 29.2 29.6	294.9 296.9 297.7 296.3 295.8 295.4	5102
03S/08W-29K01 S 33			340.0	10/26/72 11/22/72 12/20/72 1/23/73 2/23/73 3/22/73 4/26/73 6/27/73 7/26/73 8/23/73 9/25/73	10.7 9.3 9.7 9.2 9.3 9.1 10.2 12.7 13.4 14.1 14.2	329.3 330.7 330.3 330.8 330.7 330.9 329.8 327.3 326.6 325.9 325.8	5102 4715	03S/09W-32N01 S 33			360.0	10/29/72 11/22/72 12/20/72 1/23/73 2/26/73 3/22/73 4/26/73 6/27/73 7/27/73 8/23/73 9/25/73	20.8 16.3 14.9 14.9 13.1 13.8 14.7 20.0 30.3(1) 36.5(1) 23.7	339.2 343.7 345.1 345.1 346.4 346.2 345.3 340.0 329.7 323.5 336.3	4715
03S/09W-29N01 S 33			320.0	10/29/72 11/22/72 12/20/72 1/23/73 2/26/73 3/22/73 4/26/73 6/27/73 7/27/73 8/23/73 9/25/73	16.1 11.6 10.9 10.6 10.5 10.5 10.4 15.3 18.3 43.8(1) 46.3(1)	303.9 308.4 309.1 309.4 309.5 309.5 309.6 304.7 301.7 276.2 273.7	4715	03S/09W-33P01 S 33			360.0	12/26/72 2/23/73 5/08/73	8.9 8.0 8.5	351.1 352.0 351.5	5102
03S/09W-29P01 S 33			336.0	11/22/72 12/20/72 1/23/73 2/26/73 3/22/73 4/26/73 5/08/73 6/27/73 7/27/73 8/23/73 9/25/73	12.8 11.9 11.5 11.0 11.3 11.7 11.1 40.4(1) 43.0(1) 41.8(1) 42.8(1)	323.2 324.1 324.5 325.0 324.7 324.3 324.9 295.6 293.0 294.2 293.2	4715	03S/09W-34C01 S 33			368.0	10/26/72 12/26/72 2/23/73 5/08/73 6/29/73 8/27/73	10.9 9.4 8.4 8.7 9.8 11.1	357.1 358.6 358.6 359.1 358.2 356.9	5102
03S/09W-35R01 S 33			400.0	10/26/72 12/26/72 2/23/73 5/08/73 6/29/73 8/27/73	46.0 43.9 42.9 42.8 45.1 45.0	354.0 356.1 357.1 357.2 354.9 355.0	5102	03S/09W-35R02 S 33			400.0	10/26/72 12/26/72 2/23/73 5/08/73 6/29/73 8/27/73	29.2 30.2(1) 28.9 28.5 31.2 31.4	370.8 369.8 371.1 371.5 368.8 368.6	5102
03S/08W-29001 S 33			339.0	10/26/72	16.0	323.0	5102	03S/09W-36001 S 33			298.1	10/26/72	11.1	287.0	5102

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT SANTA ANA NARROWS HYDRO SUBAREA							Y-01 Y-01.A Y-01.A3	SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDRO SUBUNIT CHINO HYDRO SUBAREA							Y-01 Y-01.B Y-01.B1
035/09W-36001	5	33	298.1	12/26/72	10.5	287.6	5102	01N/08W-35R01	5	36	1605.0	4/30/73	382.0	1223.0	474R
(CONTINUED)				2/23/73	9.4 (2)	288.7		(CONTINUED)				5/29/73	383.0	1222.0	
				5/08/73	9.9	288.2						6/29/73	389.0	1216.0	
				6/29/73	10.9	287.2						7/30/73	382.0	1223.0	
				8/27/73	12.0	286.1						8/29/73	381.0	1224.0	
035/09W-36P01	5	33	299.0	10/26/72	13.5	285.5	5102	015/05W-06J01	5	36	1364.0	10/01/72	587.5	776.5	470A
				12/26/72	13.2	285.8						11/01/72	587.5	776.5	
				5/08/73	12.8	286.2						12/01/72	587.5	776.5	
				6/29/73	13.9	285.1						3/01/73	589.8	774.2	
035/09W-36P02	5	33	306.9	10/26/72	13.4	293.5	5102	015/05W-07N01	5	36	1235.2	10/01/72	469.3	765.9	470A
				12/26/72	15.2	291.7						11/01/72	469.3	765.9	
				2/23/73	14.8	292.1						12/01/72	469.3	765.9	
				5/08/73	14.4	292.5						3/01/73	469.3	765.9	
				6/29/73	15.9	291.0						6/01/73	469.3	765.9	
				8/27/73	16.1	290.8						9/01/73	471.6	763.6	
045/08W-06N01	5		334.4	10/26/72	49.5	284.9	5102	015/05W-07P01	5	36	1247.8	10/01/72	456.5	791.3	470A
				12/26/72	48.5	285.9						11/01/72	456.5	791.3	
				2/23/73	47.5	286.9						12/01/72	468.8	779.0	
				5/08/73	47.7	286.7						3/01/73	471.2	776.6	
				6/29/73	48.2	286.2						6/01/73	464.2	783.6	
				8/27/73	48.7	285.7						9/01/73	464.2	783.6	
045/09W-01E01	5		287.0	6/29/73		NM-7	5102	015/05W-16C01	5	36	1227.3	10/01/72	421.0	806.3	470A
				8/27/73		NM-6						11/01/72	421.0	806.3	
045/09W-01F03	5	30	291.1	10/26/72	18.7	272.4	5102					12/01/72	420.7	806.6	
				12/26/72	14.9	276.2						3/01/73	420.0	807.3	
				2/23/73	13.2	277.9						6/01/73	418.1	809.2	
				5/08/73	12.8	278.3						9/01/73	417.2	810.1	
				6/29/73	14.0	277.1									
045/09W-01G01	5	30	318.7	12/26/72	38.7	280.0	5102	015/05W-19A01	5	36	1156.9	10/01/72	402.8	754.1	470A
				2/23/73	37.7	281.0						11/01/72	402.8	754.1	
				5/08/73	37.8	280.9						12/01/72	405.1	751.8	
				6/29/73	38.6	280.1						3/01/73	407.4	749.5	
045/09W-02H01	5	30	285.0	10/26/72	16.5	268.5	5102	015/05W-19D01	5	36	1147.0	10/01/72	392.5	749.5	470A
				12/26/72	12.3	272.7						11/01/72	392.5	749.5	
				2/23/73	10.4	274.6						12/01/72	392.5	749.5	
				5/08/73	9.9	275.1									
				6/29/73	11.0	274.0									
				8/27/73	11.1	273.9									
MIDDLE SANTA ANA RIV HYDRO SUBUNIT CHINO HYDRO SUBAREA							Y-01.8 Y-01.B1								
01N/06W-35A01	5		1438.0	10/01/72	545.2	892.8	4706	015/05W-29A01	5	36	1082.4	10/00/72	297.0	785.4	412A
				11/01/72	545.4	892.6						11/00/72	293.0	789.4	
				12/01/72	546.0	892.0						12/00/72	293.0	789.4	
				3/01/73	545.4	892.6						1/00/73	292.0	790.4	
				6/01/73	534.3	903.7						2/00/73	292.0	790.4	
				9/01/73	533.4	904.6						3/00/73	291.0	791.4	
01N/08W-25K03	5	36	1830.0	10/02/72	305.0(1)	1525.0	4235					4/00/73	292.0	790.4	
				11/02/72	289.0(1)	1541.0						5/00/73	294.0	788.4	
				12/29/72	218.0	1612.0	3719					6/00/73	319.0(1)	763.4	
				1/08/73	292.0(1)	1538.0	4235					7/00/73	318.0	764.4	
				2/02/73	296.0(1)	1534.0						8/00/73	294.0	788.4	
				3/02/73	282.0(1)	1548.0						9/00/73	318.0(1)	764.4	
				4/30/73	208.0	1622.0	3719								
				5/30/73	185.0	1645.0	1101								
				6/30/73	200.0	1630.0	3719								
				7/03/73	207.0(1)	1623.0	4235	015/05W-30L01	5		1049.0	10/01/72	298.4	750.6	470A
				8/01/73	205.0(1)	1625.0						11/01/72	297.3	751.7	
				9/05/73	238.0(1)	1592.0						12/01/72	297.6	751.4	
												3/01/73	297.3	751.7	
01N/08W-35J02	5	36	1607.0	10/31/72	486.0(1)	1121.0	1101					6/01/73	297.1	751.4	
				11/30/72	396.0	1211.0						9/01/73	300.3	748.7	
				12/29/72	393.0	1214.0									
				1/31/73	390.0	1217.0									
				2/28/73	386.5	1220.5									
				3/31/73	386.0	1221.0									
				4/30/73	382.0	1225.0									
				5/29/73	383.0	1224.0									
				6/29/73	389.0	1218.0									
				7/30/73	382.0	1225.0									
				8/31/73	162.0	1445.0									
				9/30/73	386.0	1221.0									
01N/08W-35J03	5	36	1618.0	10/31/72	451.0(1)	1167.0	4748	015/06W-11R01	5	36	1246.5	10/01/72	520.7(1)	725.8	470A
				11/30/72	344.0	1274.0						11/01/72	502.3	744.2	
				12/29/72	324.0	1294.0						12/01/72	502.3	744.2	
				1/31/73	316.0	1302.0						3/01/73	506.9	739.6	
				2/28/73	311.5	1306.5						6/01/73	509.2	737.3	
				3/31/73	306.5	1311.5						9/01/73	519.5	727.0	
				4/30/73	309.0	1309.0									
				5/29/73	313.0	1305.0									
				6/29/73	307.0	1311.0									
				7/30/73	288.0	1330.0									
				8/29/73	278.0	1340.0									
01N/08W-35001	5		1574.4	1/26/73		NM-0	1101	015/06W-11N01	5	36	1165.8	10/01/72	443.9(1)	721.9	470A
												11/01/72	443.9(1)	721.9	
												12/01/72	434.7	731.1	
												3/01/73	439.3	726.5	
												6/01/73	393.1	772.7	
												9/01/73	423.8	742.0	
01N/08W-35R01	5	36	1605.0	10/31/72	486.0	1119.0	4748	015/06W-12P01	5	36	1209.7	10/01/72	468.4	741.3	470A
				11/30/72	396.0	1209.0						11/01/72	466.1	743.6	
				12/29/72	393.0	1212.0						12/01/72	468.4	741.3	
				1/31/73	390.0	1215.0						3/01/73	473.0	736.7	
				2/28/73	386.5	1218.5									



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA							Y-01 Y-01.8 Y-01.81	SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SURUNIT CHINO HYDRO SUBAREA							Y-01 Y-01.8 Y-01.81
015/06W-25C01 5 36 (CONTINUED)			1050.0	12/01/72 3/01/73 6/01/73 9/01/73	307.5 307.3 306.9 310.5	742.5 742.7 743.1 739.5	4706	015/07W-17E01 5 36 (CONTINUED)			1155.0	11/02/72 1/08/73 2/02/73 3/02/73 4/02/73	562.0(1) 530.0 560.0(1) 560.0(1) 562.0(1)	593.0 625.0 595.0 595.0 593.0	4235
015/06W-27L01 5			955.1	10/01/72 11/01/72 12/01/72 3/01/73 4/05/73 5/03/73	240.7 242.6 240.1 240.1 241.3 238.9	714.4 712.5 715.0 715.0 715.2 717.6	4706	015/07W-19001 5			1080.0	10/31/72 11/30/72 12/29/72 1/31/73 2/28/73 3/31/73 4/30/73 5/29/73 6/29/73 7/30/73 8/29/73	465.4 465.4 465.4 465.4 465.4 465.4 465.4 465.4 465.4 465.4 465.4	614.4 614.6 614.6 614.6 614.6 614.6 614.6 614.6 614.6 614.6	474R
015/06W-31W01 5 36			861.8	11/02/72 4/05/73	255.8 255.2	606.0 606.6	5101	015/07W-19D02 5 36			1092.3	10/31/72 11/30/72 12/29/72 1/31/73 2/28/73 3/31/73 4/30/73 5/29/73 6/29/73 7/30/73 8/29/73	473.3 473.3 473.3 473.3 473.3 473.3 473.3 473.3 473.3 473.3 473.3	619.0 619.0 619.0 619.0 619.0 619.0 619.0 619.0 619.0 619.0 619.0	474R
015/06W-33W01 5 36			868.8	11/02/72 4/05/73	183.5 181.4	685.3 687.4	5101	015/07W-19D02 5 36			1092.3	10/31/72 11/30/72 12/29/72 1/31/73 2/28/73 3/31/73 4/30/73 5/29/73 6/29/73 7/30/73 8/29/73	473.3 473.3 473.3 473.3 473.3 473.3 473.3 473.3 473.3 473.3 473.3	619.0 619.0 619.0 619.0 619.0 619.0 619.0 619.0 619.0 619.0 619.0	474R
015/06W-34R01 5 36			937.0	11/02/72 4/05/73	226.0 231.5	711.0 705.5	5101	015/07W-21D01 5 36			1056.0	8/00/73	520.3	535.7	422R
015/06W-36001 5 36			979.0	11/02/72 4/05/73	239.1 238.5	739.9 740.5	5101	015/08W-01D02 5 36			1542.0	10/31/72 11/30/72 12/29/72 1/30/73 2/28/73 3/31/73 4/30/73 8/29/73 9/29/73	312.0 340.0 337.0 334.5 331.5 329.0 329.5 325.0 329.0	1230.0 1202.0 1205.0 1207.5 1210.5 1213.0 1209.5 1217.0 1213.0	3719
015/07W-08N01 5 36			1212.2	10/02/72 11/02/72 1/08/73 2/02/73 3/02/73 4/02/73 5/04/73 6/06/73 7/03/73 8/01/73 9/05/73	644.4(1) 597.4 647.4(1) 647.4(1) 647.4(1) 645.4(1) 643.4(1) 647.4(1) 647.4(1) 641.4(1) 644.4(1)	567.8 614.8 564.8 564.8 564.8 566.8 568.8 564.8 564.8 570.8 567.8	4235	015/08W-01001 5 36			154.5	10/31/72 11/30/72 12/29/72 1/30/73 2/28/73 3/31/73 4/30/73 8/31/73 9/30/73	-1078.0 -1050.0 -1053.0 -1056.0 -1059.0 -1061.0 -1058.0 -1065.0 -1061.0	1232.5 1204.5 1207.5 1210.5 1213.5 1215.5 1212.5 1219.5 1215.5	1101
015/07W-13W01 5 36			1047.1	10/13/72 11/10/72 12/06/72 1/03/73 2/07/73 3/07/73 4/06/73 5/03/73 6/07/73 7/10/73 8/02/73 9/13/73	358.1 357.1 356.8 355.0 354.7 354.5 354.3 358.8 361.3 362.9 363.3 363.6	689.0 690.0 690.3 692.1 692.4 692.6 692.8 688.3 685.8 684.2 683.8 683.5	5101	015/08W-02R01 5 36			1552.0	10/31/72 11/30/72 12/29/72 1/30/73 2/28/73 3/31/73 4/30/73 5/30/73 6/30/73 7/30/73 8/29/73 9/29/73	282.0 275.0 263.0 253.5 246.5 242.0 250.0 251.0 239.5(5) 235.0(5) 210.0 210.0	1270.0 1277.0 1289.0 1298.5 1305.5 1310.0 1302.0 1299.0 1312.5 1317.0 1342.0 1342.0	1101
015/07W-14001 5			1094.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73 9/00/73	418.0 413.0 417.0 414.0 410.0 414.0 473.0(1) 474.0(1) 445.0 477.0(1) 476.0(1) 477.0(1)	676.0 681.0 677.0 680.0 684.0 680.0 621.0 620.0 649.0 617.0 618.0 617.0	4702	015/08W-02M01 5 36			1396.7	12/07/72 4/16/73	107.7 117.1	1289.0 1279.6	1101
015/07W-14F01 5			1080.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73 9/00/73	410.0 405.0 409.0 403.0 400.0 404.0 516.0(1) 502.0(1) 500.0(1) 462.0(1) 461.0(1) 463.0(1)	670.0 675.0 671.0 677.0 680.0 676.0 564.0 578.0 580.0 618.0 619.0 617.0	4702	015/08W-10N12 5 19			1137.6	10/14/72 11/14/72 12/14/72 1/07/73 2/14/73 3/14/73 4/21/73 5/07/73 6/14/73 7/14/73 8/28/73 9/14/73	370.4(1) 345.1(5) 372.5(1) 345.1(5) 379.8(1) 370.3(1) 391.3(1) 381.8(1) 406.8(1) 391.3(1) 389.8(1) 393.8(1)	767.2 792.5 765.1 792.5 757.8 767.3 746.3 755.8 730.8 746.3 747.8 743.8	1101
015/07W-14G01 5			1085.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73 9/00/73	405.0 401.0 406.0 403.0 402.0 410.0 475.0(1) 471.0(1) 472.0(1) 481.0(1) 476.0(1) 479.0(1)	680.0 684.0 679.0 682.0 683.0 675.0 610.0 614.0 613.0 604.0 609.0 606.0	4702	015/08W-10N14 5 19			1149.0	10/14/72 11/14/72 12/14/72 1/28/73 2/14/73 3/14/73 4/07/73 5/07/73 6/14/73	308.5(1) 308.5(1) 317.5(1) 308.5(5) 329.5(1) 330.5(1) 326.0(1) 334.5(1) 343.5(1)	840.5 840.5 831.5 840.5 819.5 818.5 823.0 814.5 805.5	1101
015/07W-14L01 5			1066.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73 9/00/73	403.0 398.0 405.0 399.0 397.0 398.0 401.0 438.0(1) 440.0(1)	663.0 668.0 661.0 667.0 669.0 668.0 665.0 628.0 626.0	4702	015/08W-11R01 5			1219.9	10/02/72 11/02/72 1/08/73 2/02/73 3/02/73 4/02/73 5/04/73 6/06/73 7/03/73 8/01/73 9/05/73	597.0 613.0(1) 611.0(1) 611.0(1) 590.0 593.0 617.0(1) 615.0(1) 617.0(1) 620.0(1) 618.0(1)	622.9 606.9 608.9 608.9 629.9 626.9 602.9 604.9 602.9 599.9 601.9	4235
015/07W-17E01 5 36			1155.0	10/02/72	562.0(1)	593.0	4235								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA ANA RIVER HYDRD UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINDO HYDRD SUBAREA							Y-01 Y-01.8 Y-01.81	SANTA ANA RIVER HYDRD UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINDO HYDRD SUBAREA							Y-01 Y-01.8 Y-01.81
015/08W-12J01	5	36	1040.9	10/04/72	315.6	725.3	1101	015/08W-28F02	5	19	890.0	6/15/73	397.7(1)	492.3	1101
				11/06/72	314.7	726.2		(CONTINUED)				7/15/73	405.7(1)	484.3	
				12/14/72	316.4	724.5						8/15/73	409.2(1)	480.8	
				1/11/73	313.4	727.5						9/15/73	378.0(5)	512.0	
				2/08/73	320.3	720.6		015/08W-28F02	5	19	887.5	10/15/72	371.7(5)	515.8	1101
				3/09/73	320.7	720.2						11/15/72	360.1(5)	527.4	
				4/04/73	320.0	720.9						12/01/72	356.6	530.9	
				5/08/73	317.9	723.0						1/15/73	371.7(1)	515.8	
				6/15/73	314.4	726.5						2/15/73	371.7(1)	515.8	
				7/12/73	312.4	728.5						3/15/73	349.7(5)	537.8	
				8/22/73	314.1	726.8						4/15/73	358.9(5)	528.6	
				9/06/73	315.4	725.5						5/15/73	358.9(5)	528.6	
												6/15/73	393.6(1)	493.4	
015/08W-12K01	5	36	1255.0	10/31/72	605.0	650.0	3719					7/15/73	390.1(1)	497.4	
				11/30/72	604.0	651.0						8/15/73	399.4(1)	488.1	
				12/29/72	603.0	652.0						9/15/73	375.1(5)	512.4	
				1/30/73	602.0	653.0		015/08W-28G01	5	19	894.0	10/15/72	401.8(1)	492.2	1101
				2/28/73	601.3	653.7						11/15/72	393.8(1)	500.2	
				3/31/73	601.3	653.7						12/01/72	360.3(5)	533.7	
015/08W-12P01	5	36	1214.6	10/31/72	585.6	629.0	3719					1/15/73	359.8(5)	534.2	
				11/30/72	584.6	630.0						4/15/73	358.7(5)	535.3	
				12/29/72	584.6	630.0						5/15/73	385.2(1)	508.4	
				1/30/73	583.6	631.0						7/15/73	397.9(1)	496.1	
				2/28/73	582.9	631.7						8/15/73	400.3(1)	493.7	
				3/31/73	582.9	631.7						9/15/73	397.9(1)	496.1	
				4/30/73	585.6	629.0		015/08W-28G02	5	19	903.0	10/15/72	389.5(1)	513.5	1101
				5/30/73	585.6	629.0						11/15/72	382.6(1)	520.4	
				6/30/73	589.6	625.0						12/01/72	364.1(5)	538.9	
				7/30/73	589.6	625.0						1/15/73	375.6(1)	527.4	
				8/29/73	592.6	622.0						2/15/73	372.2(1)	530.8	
				9/29/73	592.6	622.0						3/15/73	371.0(1)	532.0	
015/08W-14A02	5	36	1192.0	11/28/72	549.4	642.6	5125					4/15/73	360.6(5)	542.4	
015/08W-14A03	5	36	1192.0	11/28/72	560.0	632.0	5125					7/15/73	391.0(1)	512.0	
015/08W-14D01	5	36	1177.0	11/28/72	625.0	552.0	5125					8/15/73	395.6(1)	507.4	
015/08W-14N01	5	36	1057.0	11/28/72	488.2	568.8	5125					9/15/73	392.2(1)	510.8	
015/08W-15H01	5	36	1125.0	11/27/72	544.4	580.6	1101	015/08W-28L01	5	19	873.7	10/15/72	370.0(5)	503.7	1101
				2/28/73	534.4	590.6						11/15/72	353.8(5)	519.9	
				5/21/73	542.0	583.0						12/01/72	343.4(5)	530.3	
				6/28/73	585.0(1)	540.0						1/15/73	348.0(5)	525.7	
				7/18/73	542.0(5)	583.0						2/15/73	364.2(1)	509.5	
015/08W-15J01	5	36	1101.0	10/13/72	578.5(1)	522.5	1101					3/15/73	336.5(5)	537.7	
				11/28/72	533.5(5)	567.5						4/15/73	342.2(5)	531.5	
				12/20/72	576.5(1)	524.5						5/15/73	346.9(5)	526.8	
				1/26/73	533.5(5)	567.5						6/15/73	385.0(1)	488.7	
				2/28/73	533.1	567.9						7/15/73	389.8(1)	484.1	
				3/14/73	534.5(5)	566.5						8/15/73	393.0(1)	480.7	
				4/11/73	600.5(5)	500.5						9/15/73	364.2(5)	504.5	
				5/21/73	538.5(5)	562.5		015/08W-28M01	5	19	868.0	10/15/72	369.7(5)	498.3	1101
				7/18/73	542.1(5)	558.9						12/01/72	348.9(5)	519.1	
015/08W-15P02	5	36	1062.0	10/14/72	541.0(1)	521.0	1101					1/15/73	346.6(5)	521.4	
				11/14/72	535.0(1)	527.0						2/15/73	370.9(1)	497.1	
				1/28/73	493.5(5)	568.5						3/15/73	336.2(5)	531.8	
				2/14/73	490.0(5)	572.0						4/15/73	346.6(5)	521.4	
				3/14/73	489.0(5)	573.0						5/15/73	346.6(5)	521.4	
				5/21/73	534.0(1)	528.0						6/15/73	392.8(1)	475.7	
				6/14/73	539.0(1)	523.0						7/15/73	365.1(5)	502.9	
				7/21/73	543.0(1)	519.0						8/15/73	395.1(1)	472.9	
												9/15/73	365.1(5)	502.4	
015/08W-15Q02	5	36	1047.6	11/28/72	578.2	469.4	5125	015/08W-28M02	5	19	864.0	10/15/72	359.7(5)	504.3	1101
015/08W-22M01	5		977.5	11/28/72	408.2	569.3	5125					11/15/72	342.3(5)	521.7	
				12/01/72	414.1	563.4	1101					12/01/72	341.2(5)	522.8	
015/08W-23A03	5	36	1073.0	11/28/72	442.0	631.0	5125					1/15/73	337.7(5)	526.3	
015/08W-23N01	5		985.0	1/24/73	NH-0		1101					2/15/73	359.7(1)	504.3	
				7/19/73	NH-0							3/15/73	327.3(5)	536.7	
015/08W-24F01	5	36	1031.5	11/28/72	445.5	586.0	5125					4/15/73	336.6(5)	527.4	
015/08W-26R01	5	19	980.0	11/28/72	392.0	588.0	5125					5/15/73	337.7(5)	526.3	
015/08W-28E01	5	19	882.0	10/15/72	392.5(1)	489.5	1101					6/15/73	379.3(1)	484.7	
				11/15/72	353.2(5)	528.8						7/15/73	356.2(5)	507.8	
				12/01/72	356.7(5)	525.3						8/15/73	381.6(1)	482.4	
				1/15/73	375.1(1)	506.9						9/15/73	356.2(5)	507.8	
				2/15/73	359.0(5)	523.0		015/08W-28N01	5	19	857.0	10/15/72	362.5(1)	494.5	1101
				3/15/73	363.6(1)	518.4						11/15/72	354.4(1)	502.6	
				4/15/73	359.0(5)	523.0						12/01/72	324.4(5)	532.6	
				5/15/73	365.9(1)	516.1						1/15/73	352.2(1)	504.8	
				6/15/73	393.6(1)	488.4						2/15/73	356.7(1)	500.3	
				7/15/73	394.8(1)	487.2						3/15/73	336.0(1)	521.0	
				8/15/73	405.2(1)	476.8						4/15/73	322.1(5)	534.9	
				9/15/73	389.0(1)	493.0						5/15/73	346.8(1)	510.2	
015/08W-28E02	5	19	890.0	10/15/72	409.2(1)	480.8	1101					6/15/73	370.6(1)	486.4	
				11/15/72	363.0(5)	527.0						7/15/73	378.7(1)	478.3	
				12/01/72	363.0(5)	527.0						8/15/73	377.5(1)	479.5	
				1/15/73	364.6(5)	525.4						9/15/73	368.3(1)	488.7	
				2/15/73	380.3(1)	509.7		015/08W-28N02	5	19	859.0	10/15/72	384.3(1)	474.7	1101
				3/15/73	353.8(5)	536.2						11/15/72	360.6(1)	498.4	
				4/11/73	365.0(2)	525.0	5101					12/01/72	328.2(5)	530.8	
				5/15/73	386.1(1)	503.9	1101		</						

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV CHINO HYDRO SUBAREA							Y-01 Y-01.8 Y-01.81	SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV CHINO HYDRO SUBAREA							Y-01 Y-01.8 Y-01.81
015/08W-29F02	S	19	872.0	12/01/72 4/11/73	310.0 305.0	562.0 567.0	1101	025/06W-12L01	S	33	817.0	4/24/73	44.4	772.6	5719
015/08W-29H02	S	19	886.0	12/01/72 4/11/73	297.0(3) 346.0(3)	589.0 540.0	1101	025/06W-12M03	S	33	795.9	10/06/72 11/30/72 4/04/73	23.4 23.6 24.4	772.5 772.3 771.5	5103 5719 5103
015/08W-30K01	S	19	844.6	10/15/72 11/15/72 12/01/72 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	345.9(1) 350.5(1) 257.0(5) 257.0(5) 305.5(5) 257.0(5) 334.4(1) 347.1(1) 347.1(1) 354.0(1) 355.1(1)	498.7 494.1 587.6 587.6 539.1 587.6 510.2 497.5 497.5 490.6 489.5	1101	025/06W-13R04	S	5	784.0	2/01/72 4/25/73	19.2 16.9	764.4 767.1	5719
015/08W-31O01	S	19	783.0	10/05/72 11/06/72 12/12/72 1/11/73 2/07/73 3/09/73 4/04/73 5/08/73 6/01/73 7/11/73 8/22/73 9/06/73	136.6 116.8 136.8 137.0 138.0 133.5 137.7 137.6 137.5 138.1 138.5 138.9	646.4 646.2 646.2 646.0 645.0 649.5 645.3 645.4 645.5 644.9 644.5 644.1	1101	025/06W-13F02	S	33	755.0	11/30/72 4/25/73	16.2 14.7(14)	738.8 749.3	5719
015/08W-33R01	S	19	855.0	11/06/72 4/11/73	347.6 342.6	507.4 512.4	5101	025/06W-13F05	S	33	775.8	11/30/72 4/25/73	36.9 35.7	738.9 740.1	5719
015/08W-33O01	S	19	840.6	2/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	346.7(1) 272.3(5) 358.2(1) 372.0(1) 381.3(1) 392.8(1) 385.9(1)	493.9 568.3 482.4 468.6 459.3 447.8 454.7	1101	025/06W-13M02	S	33	775.0	12/01/72 4/25/73	26.1 23.7	748.9 751.3	5719
015/08W-33F03	S	19	831.8	10/15/72 11/15/72 12/01/72 1/15/73 2/15/73 3/15/73 4/15/73 8/15/73 9/15/73	351.8(1) 346.1(1) 304.5(5) 335.7(1) 331.0(1) 320.7(1) 299.4 373.4(1) 366.4(1)	480.0 485.7 527.3 496.1 500.8 511.1 532.4 458.4 465.4	1101	025/06W-13M03	S	33	753.0	11/30/72 4/25/73	19.1 17.0	733.4 736.0	5719
015/08W-33L06	S	19	816.3	10/05/72 11/06/72 12/12/72 1/11/73 2/06/73 3/09/73 4/04/73 5/08/73 6/01/73 7/12/73 8/22/73 9/06/73	281.1 280.6 274.9 275.7 274.0 277.6 271.4 278.8 277.8 283.5 286.8 284.0	535.2 535.7 541.4 540.6 542.3 538.7 544.9 537.5 538.5 532.8 529.5 532.3	1101	025/06W-14C02	S	33	734.5	11/30/72 4/25/73	31.1 31.2	703.4 703.3	5719
025/05W-07M01	S	33	851.0	11/30/72 4/24/73	17.4 13.4	833.6 837.6	5719	025/06W-14H02	S	33	737.0	11/30/72 4/23/73	20.3 18.9	716.7 718.1	5719
025/05W-07P03	S	36	878.0	12/07/72 5/01/73	16.5 15.2	861.5 862.8	5719	025/06W-14L01	S	33	711.0	11/30/72 4/25/73	17.3 13.7	693.7 697.3	5719
025/05W-18C02	S	5	861.0	11/30/72	NM-7		5719	025/06W-16R02	S	33	727.6	2/01/72 4/26/73	117.8 115.9	609.8 611.7	5719
025/05W-19Q01	S	5	847.0	11/30/72 4/23/73	46.0 45.2	801.0 801.8	5719	025/06W-16M01	S	33	726.3	0/26/72 4/03/73	121.6 124.1	604.7 602.2	5101
025/06W-01O01	S	33	880.0	10/06/72 4/05/73	37.5 38.3	842.5 841.7	5103	025/06W-18A01	S	33	732.0	0/05/72 4/04/73	NM-9 NM-8		5103
025/06W-03R01	S	5	856.0	11/02/72	NM-7		5101	025/06W-19L01	S	33	674.2	10/26/72 4/05/73	91.0 79.2	583.2 595.0	5101
025/06W-05R01	S	33	845.3 845.0 845.3	10/06/72 11/02/72 4/05/73	198.5 218.5 193.9	646.8 626.5 651.4	5103 5101 5103	025/06W-21O03	S	33	712.2	11/10/72 12/06/72 3/05/73 4/04/73 7/10/73	106.3 105.9 104.3 109.0 105.6	605.4 606.3 607.4 603.2 606.6	5104
025/06W-06N02	S	33	806.0	10/05/72 4/04/73	185.5(4) 182.9	620.5 623.1	5103	025/06W-21F01	S	33	695.0	12/01/72	89.7	605.5	5719
025/06W-08O01	S	33	784.3	11/02/72 4/05/73	179.7 181.4	604.6 602.9	5101	025/06W-22G01	S	33	692.0	4/05/73	41.9	650.1	5103
025/06W-08O03	S	33	782.0	10/05/72 4/04/73	167.2 163.4	614.8 618.6	5103	025/06W-22P02	S	33	686.0	12/01/72 4/26/73	DRY DRY		5719
025/06W-11K03	S	36	755.0	11/30/72 4/24/73	23.7 22.4	731.3 732.6	5719	025/06W-23A01	S	33	748.0	11/30/72 4/23/73	43.9 42.5(3)	704.1 705.5	5719
025/06W-11O01	S	36	745.0	11/30/72 4/25/73	26.7 24.9	718.3 720.1	5719	025/06W-25C01	S	33	736.0	11/30/72 4/23/73	15.3 19.8(4)	720.7 716.2	5719
025/06W-12L01	S	33	817.0	11/30/72	48.7	768.3	5719	025/06W-26O02	S	33	686.0	10/06/72	NM-2		5103
								025/06W-27O04	S	33	650.0	12/01/72 4/25/73	21.3(14) 20.3	628.7 629.7	5719
								025/06W-28R01	S	33	647.0	10/05/72 11/10/72 12/06/72	27.7 27.7 26.6	619.3 619.3 620.4	5103
								025/06W-28F01	S	33	626.0	10/05/72 11/10/72 12/06/72 1/03/73 3/05/73 4/03/73 5/18/73 6/08/73 7/10/73 8/08/73 9/06/73	12.7 12.7 12.6 13.0 12.8 12.6 12.5 12.8 12.8 12.8 12.8	613.3 613.3 613.4 613.0 613.2 613.4 613.5 613.2 613.2 613.2 613.2	5103
								025/06W-30R03	S	33	618.9	10/26/72 4/03/73	26.1 27.4	592.8 591.5	5101
								025/06W-30P03	S	33	617.7	10/05/72 11/10/72 1/03/73 4/04/73	25.2 25.6 25.5 26.2	592.5 592.1 592.2 591.5	5103

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA							Y-01 Y-01.8 Y-01.81	SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA							Y-01 Y-01.8 Y-01.81	
025/06W-30R03 S 33			617.7	5/18/73	26.5	591.2	5103	025/07W-36001 S			611.6	4/03/73	NM-7		5103	
(CONTINUED)				6/08/73	24.9(2)	592.8		025/07W-36F01 S 33			601.5	10/05/72	42.6	558.9	5103	
				7/10/73	25.2	592.5						4/04/73	33.7	567.8		
				8/08/73	24.7(2)	593.0		025/07W-36L01 S			570.5	10/05/72	NM-9		5103	
				9/06/73	25.3(2)	592.4		025/0RW-04P01 S			745.5	10/05/72	193.8	551.7	1101	
025/06W-31C01 S 33			601.0	10/05/72	31.7	569.3	5103					11/06/72	205.7(3)	539.8		
				11/10/72	30.1	570.9						12/14/72	202.0	543.5		
				12/07/72	28.9	572.1						1/11/73	202.5	543.0		
				2/09/73	26.5	574.5						2/07/73	200.5	545.0		
				3/05/73	25.4	575.6						3/07/73	152.5	592.5	5101	
				4/04/73	24.5	576.5						4/04/73	200.7(3)	544.8	1101	
				5/18/73	26.3	574.7						745.0	3/07/73	152.5	592.5	5101
				6/08/73	26.9	574.1						745.5	4/04/73	200.7(3)	544.8	1101
				7/10/73	29.0	572.0						745.0	5/03/73	165.5	579.5	5101
				8/08/73	29.4(2)	571.6						745.5	6/01/73	204.3	541.2	1101
				9/06/73	30.3	570.7						745.0	7/10/73	168.6(3)	576.4	5101
025/06W-33F01 S			715.9	11/27/72	55.9	660.0	5719					8/02/73	171.8(3)	573.2		
				4/26/73	53.3	662.6		025/0RW-05G01 S 36			775.0	12/01/72	249.4	525.6	1101	
025/06W-33F02 S 33			743.6	11/27/72	34.3	709.3	5719					4/11/73	223.1	551.9		
				4/26/73	34.0	709.6						5/21/73	223.8	551.2		
025/07W-02K01 S 36			801.5	11/03/72	198.2	603.3	5101	025/0RW-12F01 S			741.0	10/13/72	177.4	563.6	5101	
				4/06/73	193.8(4)	607.7						11/09/72	180.8	560.2		
025/07W-04A01 S 36			837.0	11/06/72	267.1	569.9	5101					12/06/72	179.0	562.0		
				4/11/73	273.6(6)	563.4						1/03/73	175.5	565.5		
025/07W-05D01 S 36			847.5	11/06/72	218.5(5)	629.0	5101					2/07/73	165.0	576.0		
				4/11/73	213.5(5)	634.0						3/07/73	174.4	566.6		
025/07W-05D02 S 36			838.0	11/06/72	244.1	593.9	5101					4/06/73	173.8	567.2		
				4/11/73	240.2	597.8						5/03/73	172.5	568.5		
025/07W-05J02 S 36			808.0	11/06/72	258.4	549.6	5101					6/07/73	179.0	562.0		
				4/11/73	247.5	560.5		025/0RW-15K01 S 36			655.0	1/06/72	106.5(3)	548.5	5101	
025/07W-09M01 S 36			749.8	11/03/72	169.3	580.5	5101					4/18/73	116.5	538.5		
				4/06/73	166.9	582.9		025/0RW-16P0R S 36			681.5	11/06/72	131.0	550.5	5101	
025/07W-09P01 S 36			723.0	11/03/72	118.5(3)	604.5	5101					4/11/73	126.1	555.4		
				4/11/73	111.5(3)	611.5		025/0RW-16J03 S 36			657.0	11/06/72	57.1	599.9	5101	
025/07W-10R01 S 36			775.0	11/24/72	146.8(3)	628.2	5101					4/11/73	48.3	608.7		
				4/11/73	124.9	650.1		025/0RW-20L01 S			737.0	11/06/72	17.0	720.0	5101	
025/07W-12A01 S			795.0	10/26/72	NM-4		5101					4/11/73	13.0	724.0		
				4/05/73	NM-2			025/0RW-21C01 S 36			675.0	1/06/72	7.2	667.8	5101	
025/07W-13J02 S			726.0	10/26/72	NM-4		5101					4/11/73	9.7	665.3		
025/07W-15F02 S 36			704.0	11/03/72	131.0	573.0	5101	025/0RW-22D03 S			646.3	1/06/72	NM-2		5101	
				4/18/73	119.2	584.8						025/0RW-23M01 S 36	10/26/72	99.6	505.8	5101
025/07W-16001 S 36			713.3	4/11/73	129.0	584.3	5101					4/05/73	98.4	507.0		
025/07W-17P02 S 36			680.0	11/24/72	119.0	561.0	5101	025/0RW-26J02 S 36			571.0	10/13/72	63.4	507.6	5101	
				4/06/73	117.2	562.8						11/22/72	61.1	509.9		
025/07W-20L01 S				11/10/72	NM-1		5101					12/06/72	57.1	513.4		
				5/03/73	NM-1							2/07/73	48.4	522.4		
025/07W-25M01 S 33			624.4	10/05/72	61.7	562.7	5103					3/07/73	46.9	526.1		
				4/04/73	47.5	576.9						4/05/73	56.4(4)	514.6		
025/07W-27A02 S 33			643.1	11/10/72	84.8(4)	558.3	5101	025/0RW-26K03 S			582.7	10/26/72	NM-5		5101	
				1/03/73	62.0	581.1						4/05/73	NM-5			
				2/07/73	64.3(3)	578.8		025/0RW-36C03 S 36			545.7	10/26/72	39.7	506.0	5101	
				3/07/73	72.0	571.1						4/05/73	26.2	519.5		
				4/05/73	70.7	572.4		035/07W-03A02 S 33			579.0	11/22/72	32.5	546.5	5101	
025/07W-27R01 S 33			617.4	10/05/72	58.0(4)	559.4	5103					4/03/73	27.5	551.5		
				4/04/73	49.6(4)	567.8		035/07W-03J01 S 33			580.8	10/26/72	43.7	537.1	5101	
025/07W-32M01 S 36			575.2	10/13/72	69.3(4)	505.9	5101					4/03/73	40.1	540.9	5103	
				11/10/72	58.0	517.2		035/07W-03N01 S 33			561.9	10/26/72	39.6	522.3	5101	
				12/06/72	57.0	518.2						4/03/73	33.2(2)	528.3	5103	
				1/03/73	50.3	524.9		035/07W-04M01 S 36			564.5	11/02/72	31.9	532.6	5101	
				3/07/73	40.7	534.5						035/07W-05J02 S 36	10/26/72	44.5	507.6	5101
				4/03/73	39.3	535.9						4/03/73	45.4	506.7		
				6/07/73	56.5	518.7		035/07W-07G02 S 33			515.0	11/02/72	11.7	503.3	5101	
				8/02/73	68.3	506.9						4/05/73	4.6	510.4		
				9/13/73	68.8	506.4		035/07W-08L01 S			533.4	10/04/72	45.1	488.3	5101	
025/07W-33A01 S 33			602.2	4/05/73	38.4	563.8	5101					11/10/72	44.9	488.5		
025/07W-34M01 S 33			595.5	10/04/72	42.0	553.5	5103					12/07/72	44.4	489.0		
				4/03/73	28.9	566.6						1/03/73	43.9	489.5		
025/07W-34J01 S 33			585.2	4/03/73	25.6	559.6	5103					2/09/73	43.4	490.0		
025/07W-34P01 S			580.9	10/04/72	NM-7		5103					3/05/73	42.5	490.9		
				4/03/73	NM-7							4/03/73	41.3	492.1		
025/07W-35C02 S 33			613.1	10/05/72	54.2	558.9	5103					5/18/73	41.5	491.9		
				4/03/73	41.6	571.5						6/08/73	41.9	491.5		
025/07W-35J03 S 33			597.0	11/22/72	42.1	554.9	5101					7/11/73	42.6	490.8		
025/07W-36001 S			611.6	10/05/72	NM-7		5103	035/07W-09J01 S 36			515.0	10/04/72	11.1	503.9	5101	
												4/03/73	7.9	507.1		

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA							Y-01 Y-01.8 Y-01.81	SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT HARRISON HYDRO SUBAREA							Y-01 Y-01.R Y-01.R2
035/07W-10C03 S			575.0	10/26/72 4/03/73	NM-2 NM-2		5101	015/08W-17K02 S 19			999.6	5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	394.1(5) 496.9(1) 500.3(1) 509.3(1) 511.7(1)	605.5 502.7 499.3 490.1 487.7	1101
035/07W-10001 S 33			553.6	10/04/72 4/03/73	36.8 31.3	516.8 522.3	5103	015/08W-17K03 S 19			999.4	12/18/72 4/17/73	309.3 306.8	690.1 692.6	1101
035/07W-20001 S			478.9	11/02/72 4/05/73	NM-5 NM-5		5101	015/08W-17P02 S 19			969.1	12/05/72 4/11/73	149.1 139.3	820.0 824.9	1101
035/08W-01J01 S 36			523.6	10/26/72 4/05/73	23.8 16.1	499.8 507.5	5103	015/08W-17P04 S 19			991.2	10/15/72 11/15/72 12/01/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	563.5(1) 561.2(1) 528.9(5) 563.5(1) 565.9(1) 528.9(5) 508.1(5) 518.5(5) 554.3(1) 558.9(1) 561.2(1) 461.1(6)	427.7 430.0 462.3 427.7 425.4 462.3 483.1 472.7 436.9 432.3 430.0 530.1	1101
HARRISON HYDRO SUBAREA							Y-01.R2	CLAREMONT HEIGHTS HYDRO SUBAREA							Y-01.H3
015/08W-08H01 S 19			1176.0	10/15/72 11/15/72 12/01/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	336.0(5) 315.2(1) 312.9(5) 294.4(5) 296.8(5) 310.6(5) 295.6(5) 337.2(5) 379.9(1) 383.4(1) 386.8(1) 355.7(5)	840.0 860.8 863.1 881.6 879.2 865.4 880.4 838.8 796.1 792.6 789.2 820.3	1101	01N/08W-24E01 S 36			2141.7	10/02/72 11/02/72 1/08/73 2/02/73 3/02/73 4/02/73 5/21/73 6/06/73 7/03/73 8/01/73 9/05/73	145.0(5) 146.0(5) 142.0(5) 139.0 92.0(5) 71.0 83.0(5) 88.0(1) 119.0(1) 137.0(1) 138.0	1996.7 1995.7 1999.7 2002.7 2049.7 2070.7 2058.7 2053.7 2022.7 2004.7 2003.7	1101
015/08W-09001 S 19			1225.0	10/15/72 11/15/72 12/01/72 1/15/73 2/15/73 3/15/73 4/15/73 5/15/73 6/15/73 7/15/73 8/15/73 9/15/73	382.4(1) 377.8(1) 378.1(5) 383.5(1) 383.5(1) 383.5(1) 336.2(1) 355.0(1) 390.4(1) 388.1(1) 392.8(1) 339.6(5)	842.6 847.2 896.9 841.5 841.5 841.5 888.8 870.0 834.6 836.9 832.2 885.4	1101	01N/08W-24L01 S 36			2137.6	10/02/72 11/02/72 1/08/73 2/02/73 3/02/73 4/02/73 5/21/73 6/06/73 7/03/73 8/01/73 9/05/73	201.0 202.0 209.0(1) 202.0 186.0(5) 124.0 123.0(5) 125.0(5) 181.0(1) 206.0(5) 201.0	1936.6 1935.6 1928.6 1935.6 1951.0 2013.6 2014.6 2012.6 1956.6 1931.6 1936.6	4235 4235 4235 4235 4235 4235 4235 4235 4235 4235 4235
015/08W-09F01 S 36			1202.0	10/07/72 11/16/72 12/07/72 1/28/73 2/21/73 3/16/73 4/07/73 5/16/73 6/21/73 9/07/73	397.6(1) 381.6(1) 360.7(1) 356.0(5) 386.0(1) 312.0(5) 390.6(1) 312.0(5) 317.0(5) 423.0(1)	804.4 820.4 841.3 846.0 816.0 890.0 811.4 890.0 885.0 779.0	1101	01N/08W-25K02 S 36			1855.0	10/02/72 11/02/72 1/08/73 2/02/73 3/02/73 4/04/73 7/03/73 8/01/73 9/05/73	305.0(1) 289.0(1) 292.0(1) 296.0(1) 292.0(1) 230.0(5) 207.0(1) 205.0(1) 238.0(1)	1550.0 1566.0 1563.0 1559.0 1573.0 1625.0 1648.0 1650.0 1617.0	1101
015/08W-09H01 S 36			1230.0	10/04/72 11/06/72 12/13/72 1/11/73 2/08/73 3/09/73 4/04/73 5/08/73 6/01/73 7/12/73 8/22/73 9/06/73	274.0 274.0 274.8 277.0 277.5 278.0 278.0 279.5 279.8 280.0 281.5 281.5	956.0 956.0 955.2 953.0 952.5 952.0 950.5 950.2 950.0 948.5 948.5	1101	01N/08W-25L01 S 36			1861.6	10/31/72 12/29/72 1/30/73 2/28/73 3/31/73 4/30/73 5/30/73 6/30/73 7/30/73 8/29/73 9/29/73	241.6 235.6 233.6 230.1 225.6 219.6 213.6 179.6 176.6 211.6(1) 216.6(1)	1620.0 1626.0 1628.0 1631.6 1636.0 1642.0 1648.0 1682.0 1685.0 1650.0 1645.0	3710
015/08W-09H03 S 19			1230.0	10/04/72 11/06/72 12/13/72 1/11/73 2/08/73 3/09/73 4/04/73 5/08/73 6/01/73 7/12/73 8/22/73 9/06/73	77.7 76.7 77.3 77.9 78.0 78.0 79.2 80.0 79.1 82.5 79.0 79.5	1152.3 1153.3 1152.7 1152.1 1152.0 1152.0 1150.8 1150.0 1150.9 1147.5 1151.0 1150.5	1101	01N/08W-25M01 S 36			1864.9	10/31/72 12/29/72 1/30/73 2/28/73 3/31/73 4/30/73 5/30/73 6/30/73 7/30/73 8/29/73 9/29/73	231.0 231.0 230.5 230.0 227.0 213.0 196.0 188.1 185.0 201.0 201.0	1633.4 1633.0 1634.4 1634.9 1637.9 1651.4 1668.9 1676.8 1679.9 1663.9 1663.9	3710
015/08W-09P01 S 36			1118.0	12/01/72 4/11/73	264.9 262.7(3)	853.1 855.3	1101	01N/08W-26P01 S			1740.3	1/23/73 7/19/73	NM-n NM-0		1101
015/08W-16F01 S 19			1062.0	12/01/72 4/11/73	231.0 224.8	831.0 837.2	1101	01N/08W-26P01 S			1740.3	12/08/72 1/15/73 2/08/73 3/09/73 4/06/73 5/08/73 7/11/73 8/22/73 9/06/73	269.9 271.9 270.8 278.2 269.7 267.0 211.5 230.2 236.7	1470.4 1468.4 1469.5 1462.1 1470.6 1473.3 1529.8 1510.1 1503.6	1101
015/08W-17K01 S 19			1015.0	12/01/72 1/01/73 2/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	394.2(5) 387.0(5) 387.0(5) 395.0(5) 381.0(5) 421.9(1) 440.4(1) 447.1(1) 458.9(1) 472.7	620.8 628.0 628.0 620.0 634.0 593.1 574.6 567.9 556.1 542.3	1101	01N/08W-34A01 S 19			1670.0	12/07/72	223.7	1446.3	1101
015/08W-17K02 S 19			999.4	10/15/72 11/15/72 12/01/72 1/15/73 2/15/73 3/15/73 4/15/73	502.5(1) 499.0(1) 412.6(5) 407.9(5) 489.8(1) 407.9(5) 398.7(5)	496.9 500.4 587.0 591.7 510.8 591.7 600.9	1101								



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIVER HYDRO SUBUNIT CUCAMONGA HYDRO SURAREA								SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIVER HYDRO SUBUNIT CUCAMONGA HYDRO SURAREA								
								Y-01 Y-01.8 Y-01.84								
01N/07W-29R03	5	36	1702.3	3/31/73	331.0	1371.3	4748	01S/07W-04A01	5	36	1422.0	8/00/73	212.1	1209.9	4702	
(CONTINUED)				4/30/73	324.0	1378.3		(CONTINUED)				9/00/73	214.1	1207.9		
				5/29/73	322.0	1380.3						10/00/77	180.0(1)	1248.2	4702	
				6/29/73	323.0	1379.3						11/00/77	184.0(1)	1244.2		
				7/30/73	320.0	1382.3						12/00/77	138.0	1290.2		
				8/29/73	319.0	1383.3						1/00/77	140.0(1)	1288.2		
01N/07W-29R04	5	36	1684.4	10/31/72	344.3	1340.1	4748					2/00/77	137.0(1)	1291.2		
				11/30/72	343.8	1340.6						3/00/77	112.0	1316.2		
				12/29/72	339.8	1344.6						4/00/77	106.0	1322.2		
				1/31/73	335.8	1348.6						5/00/77	105.0	1323.2		
				2/28/73	331.8	1352.6						6/00/77	135.0(1)	1293.2		
				3/31/73	326.8	1357.6						7/00/77	134.0(1)	1294.2		
				4/30/73	323.8	1360.6						8/00/77	122.0	1306.2		
				5/29/73	323.8	1462.6						9/00/77	102.0	1326.2		
				6/29/73	323.8	1360.6										
				7/30/73	321.8	1362.6										
				8/29/73	340.8	1343.6										
01N/07W-32R02	5	36	1490.0	10/31/72	179.8	1310.2	4748	01S/07W-04R02	5	36	1428.2	10/00/77	167.8(1)	1260.4	4702	
				11/30/72	179.8	1310.2						11/00/77	161.8(1)	1266.4		
				12/29/72	170.6	1319.4						12/00/77	134.8	1293.4		
				1/31/73	138.9	1351.1						1/00/77	140.8(1)	1287.4		
				2/28/73	156.7	1333.3						2/00/77	128.8(1)	1299.4		
				3/31/73	156.7	1333.3						3/00/77	110.8	1317.4		
				4/30/73	163.6(1)	1326.4						4/00/77	103.8	1324.4		
				5/29/73	161.3	1328.7						5/00/77	100.8	1327.4		
				6/29/73	170.6	1319.4						6/00/77	137.8(1)	1290.4		
				7/30/73	170.6(1)	1319.4						7/00/77	137.8(1)	1290.4		
				8/29/73	175.2(1)	1314.8						8/00/77	134.8(1)	1293.4		
												9/00/77	102.8	1325.4		
01N/07W-32R03	5	36	1496.0	10/31/72	182.0	1314.0	4748	01S/07W-04R03	5	36	1451.8	10/00/77	214.3(1)	1237.5	4702	
				11/30/72	182.0	1314.0						11/00/77	203.3(1)	1248.5		
				12/29/72	175.0	1321.0						12/00/77	192.3(1)	1259.5		
				1/31/73	170.0	1326.0						1/00/77	151.3	1300.5		
				2/28/73	164.0	1332.0						2/00/77	180.3(1)	1271.5		
				3/31/73	155.0	1341.0						3/00/77	172.3(1)	1279.5		
				4/30/73	155.0	1341.0						4/00/77	122.3	1329.5		
				5/29/73	157.0	1339.0						5/00/77	127.3	1324.5		
				6/29/73	162.0	1334.0						6/00/77	184.3(1)	1267.5		
				7/30/73	159.0	1337.0						7/00/77	183.3(1)	1268.5		
				8/29/73	160.0	1336.0						8/00/77	181.3(1)	1270.5		
												9/00/77	126.3	1325.5		
01N/07W-33A01	5	36	1541.5	10/31/72	235.6	1305.9	3719	01S/07W-04F02	5	36	1395.9	10/00/77	114.8	1281.1	4702	
				11/30/72	235.6	1305.9						11/00/77	101.8	1294.1		
				12/29/72	235.6	1305.9						12/00/77	96.8	1299.1		
				1/30/73	230.1	1311.4						1/00/77	84.8	1311.1		
				2/28/73	227.6	1313.9						2/00/77	77.8	1318.1		
				3/31/73	207.6	1333.9						3/00/77	70.8	1325.1		
				4/30/73	191.6	1349.9						4/00/77	84.8	1311.1		
				5/30/73	184.6	1356.9						5/00/77	78.8	1317.1		
				6/30/73	164.6	1376.9						6/00/77	85.8	1310.1		
				7/30/73	162.6	1378.9						7/00/77	86.8	1309.1		
				8/29/73	234.6(1)	1306.9						8/00/77	84.8	1311.1		
				9/29/73	239.6(1)	1301.9						9/00/77	69.8	1326.1		
01N/07W-33N01	5	36	1488.2	10/31/72	184.0	1304.2	4748	01S/07W-04F03	5	36	1417.4	10/31/77	138.0	1279.4	4748	
				11/30/72	184.0	1304.2						11/30/77	138.0	1279.4		
				12/29/72	176.0	1312.2						12/29/77	136.0	1281.4		
				1/31/73	171.5	1316.7						1/31/77	113.0	1304.4		
				2/28/73	165.0	1323.2						2/28/77	105.0	1312.4		
				3/31/73	168.0(1)	1320.2						3/31/77	96.0	1321.4		
				4/30/73	175.0(1)	1313.2						4/30/77	105.0	1312.4		
				5/29/73	173.0(1)	1315.2						5/29/77	104.0(1)	1313.4		
				6/29/73	170.0	1318.2						6/29/77	110.0(1)	1307.4		
				7/30/73	165.0	1323.2						7/30/77	109.0(1)	1308.4		
				8/29/73	166.0	1322.2						8/29/77	102.0	1315.4		
01N/07W-33N03	5	36	1490.0	10/31/72	183.5	1306.5	4748	TEMESCAL HYDRO SURAREA								Y-01.85
				11/30/72	183.0	1307.0		03S/06W-06K02	5	33	629.0	10/04/72	40.1	588.9	5107	
				12/29/72	175.0	1315.0						11/10/77	40.2	588.4		
				1/31/73	170.0	1320.0						12/07/77	40.3	588.7		
				2/28/73	166.0	1324.0						1/03/77	40.4	588.6		
				3/31/73	156.0	1334.0						2/09/77	40.4	588.6		
				4/30/73	154.0	1336.0						3/05/77	40.2	588.8		
				5/29/73	175.0(1)	1315.0						4/04/77	40.1	588.9		
				6/29/73	187.0	1303.0						5/18/77	39.8	589.2		
				7/30/73	165.0	1325.0						6/08/77	39.7	589.3		
				8/29/73	162.0	1328.0						7/10/77	39.7	589.3		
												8/08/77	39.7	589.3		
												9/06/77	39.8	589.2		
01N/07W-33P01	5	36	1485.0	10/31/72	183.0	1302.0	4748	03S/06W-28A02	5	33	677.2	12/07/77	44.9	632.3	5710	
				11/30/72	183.0	1302.0						11/15/77	81.7	617.3	5707	
				12/29/72	176.0	1309.0						12/07/77	80.9	618.1		
				1/31/73	170.0	1315.0						1/04/77	83.2(2)	615.8		
				2/28/73	164.0	1321.0						2/09/77	79.9	619.1		
				3/31/73	157.0	1328.0						3/07/77	79.4	619.6		
				4/30/73	159.0	1326.0						5/21/77	81.8(2)	617.2		
				5/29/73	156.0	1329.0						7/11/77	81.8	617.2		
				6/29/73	189.0(1)	1296.0						8/09/77	85.3(2)	613.7		
				7/30/73	185.0(1)	1300.0						9/07/77	86.6(2)	612.4		
				8/29/73	184.0(1)	1301.0										
01S/07W-04A01	5	36	1422.0	10/00/72	269.1(1)	1152.9	4702	03S/06W-28L03	5	33	673.0	11/22/77	49.6(4)	623.4	5710	



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT TEMESCAL HYDRO SUBAREA							Y-01 Y-01.8 Y-01.85	SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT TEMESCAL HYDRO SUBAREA							Y-01 Y-01.8 Y-01.85
035/06W-28M02	5	33	666.1	4/27/73	43.7(2)	622.4	5719	035/07W-27G01	5	33	650.0	1/07/73	130.5	519.5	5272
035/06W-29003	5		650.7	4/03/73	NM-2		5103	(CONTINUED)				3/04/73	141.9	508.1	
035/06W-29004	5	33	655.0	11/25/72	39.2	615.8	5272					4/01/73	128.1	521.9	
				1/07/73	39.6	615.4						6/01/73	153.0	497.0	
				3/03/73	39.2	615.8						8/03/73	139.0(1)	511.0	
				5/05/73	37.2	617.8		035/07W-28F01	5	33	571.7	11/10/72	63.3	508.4	5103
				6/01/73	37.5	617.5						12/07/72	63.0	508.7	
				8/03/73	38.4	616.6						1/03/73	62.7	509.0	
				9/05/73	39.2	615.8						3/05/73	61.4	510.3	
035/06W-30X01	5		612.3	10/04/72	NM-1		5103					4/03/73	60.7	511.0	
				4/03/73	NM-1							5/21/73	61.7	510.0	
035/06W-31002	5	33	690.0	10/03/72	137.9(11)	552.1	5272					6/12/73	61.5	510.2	
				11/26/72	136.2(11)	553.8						7/11/73	61.8	509.9	
				1/07/73	144.5(11)	545.5		045/07W-03L01	5	33	969.1	4/02/73	71.8(4)	897.3	5103
				3/04/73	131.9(11)	558.1									
				4/01/73	131.6(11)	558.4		045/07W-03L02	5	33	980.0	4/02/73	131.1	849.8	5103
				5/05/73	131.2(11)	558.8									
				6/01/73	132.4(11)	557.6		ARLINGTON HYDRO SUBAREA							Y-01.86
				8/03/73	129.4	560.6		025/06W-36R01	5	33	733.0	11/27/72	6.9	726.1	5719
				9/05/73	131.4	558.6						5/01/73	6.9	726.1	
035/06W-32H01	5	33	663.7	4/02/73	53.6	610.1	5103	035/05W-05R01	5	33	766.3	11/15/72	22.0	744.3	5103
035/07W-21C03	5		492.7	10/03/72	NM-9		5103					12/12/72	21.9	744.4	
				4/02/73	NM-5							1/04/73	21.8	744.5	
035/07W-21M01	5		488.8	10/03/72	NM-9		5103					2/14/73	21.6	744.7	
				4/02/73	NM-5							3/07/73	21.4	744.9	
035/07W-21M02	5	33	492.0	10/03/72	-0.2	492.2	5103					5/01/73	21.1	745.2	5719
				11/15/72	-2.0	494.0						6/12/73	20.8	745.5	5103
				4/03/73	-1.9	493.9						7/11/73	20.8	745.5	
				5/21/73	-0.6	492.6						8/09/73	21.0	745.3	
				6/12/73	-0.2	492.2		035/05W-05M03	5	33	756.6	2/14/73	10.2	746.4	5103
				7/11/73	0.0	492.0						3/07/73	9.9	746.7	
				8/09/73	0.0	492.0						5/21/73	9.4	747.2	
035/07W-22J02	5	33	534.8	10/03/72	11.3	523.5	5103					6/12/73	9.4	747.2	
				4/02/73	6.6	528.2						7/11/73	9.7	746.9	
035/07W-23C03	5	33	546.2	10/03/72	22.0	524.2	5103					8/09/73	10.2	746.4	
												9/07/73	10.2	746.4	
035/07W-23L01	5	33	576.0	10/03/72	46.3	529.7	5272	035/05W-06002	5	33	752.0	1/31/73	11.9	740.1	5204
				11/26/72	45.9	530.1						3/01/73	11.7	740.3	
				1/07/73	44.2	531.8						4/26/73	12.1	739.9	
				3/04/73	40.9	535.1		035/05W-06003	5	33	750.0	1/31/73	9.6	740.4	5204
				4/01/73	40.3	535.7						3/01/73	9.5	740.5	
				5/05/73	40.6	535.4						4/26/73	9.7	740.3	
				6/01/73	41.1	534.9		035/05W-06004	5	33	752.0	1/31/73	11.1	740.9	5204
				8/03/73	43.0	533.0						3/01/73	11.0	741.0	
				9/05/73	44.6	531.4						4/26/73	11.0	741.0	
035/07W-23M02	5	33	551.1	10/03/72	27.0	524.1	5103	035/05W-06005	5	33	752.0	1/31/73	10.8	741.2	5204
				4/02/73	20.9	530.2						3/01/73	11.0	741.0	
035/07W-25A01	5		595.0	10/04/72	NM-5		5103					4/26/73	11.0	741.0	
				11/10/72	NM-5			035/05W-07J01	5	33	788.0	12/01/72	42.8	745.2	5719
				12/07/72	NM-5							4/30/73	33.2	754.8	
				1/03/73	NM-5			035/05W-08R02	5	33	800.0	11/15/72	43.6	756.4	5103
				2/09/73	NM-5							12/12/72	43.2	756.4	
				3/05/73	NM-5							1/04/73	42.9	757.1	
				4/03/73	NM-5							2/14/73	42.5	757.5	
				5/18/73	NM-6							3/07/73	45.9	754.1	
035/07W-25H01	5	33	606.9	4/03/73	53.5	553.4	5103					4/27/73	45.0	758.0	5719
035/07W-25J01	5	33	642.0	10/03/72	96.0(11)	546.0	5272					5/21/73	42.1	757.9	5103
				11/26/72	93.6	548.4						6/12/73	42.1	757.9	
				1/07/73	91.4	550.6						7/11/73	42.5	757.5	
				3/04/73	87.2	554.8						8/09/73	42.7	757.3	
				4/01/73	87.0	555.0						9/07/73	42.9	757.1	
				5/05/73	89.9(11)	552.1		035/05W-08F02	5	33	786.0	12/01/72	34.5	751.5	5719
				6/01/73	91.0(11)	551.0						4/30/73	32.4(2)	753.6	
				8/03/73	95.2(11)	546.8		035/05W-08G01	5	33	811.7	12/04/72	53.5	758.2	5719
				9/05/73	96.9(11)	545.1									
035/07W-25M02	5	33	661.0	10/03/72	143.4(11)	517.6	5272	035/05W-09A01	5	33	887.0	1/04/73	117.3	769.7	5103
				11/26/72	123.0	538.0						2/14/73	117.1	769.9	
				1/07/73	135.9(11)	525.1						3/07/73	117.1	769.9	
				3/04/73	117.1	543.9						5/21/73	117.7	769.3	
				4/01/73	115.9	545.1						6/12/73	118.2	768.8	
				5/05/73	134.2(11)	526.8						9/07/73	119.4	767.6	
				6/01/73	135.8(11)	525.2		035/05W-09F01	5	33	856.0	12/04/72	95.9	760.1	5719
				8/03/73	142.6(11)	518.4						4/30/73	90.8	765.2	
				9/05/73	144.5(11)	516.5		035/05W-09M01	5	33	859.1	12/04/72	96.2	762.9	5719
035/07W-27F01	5	33	658.0	10/03/72	151.9(11)	506.1	5272					4/30/73	91.9	767.2	
				11/26/72	155.9(11)	502.1		035/05W-14E01	5	33	1111.4	12/04/72	12.8	1098.6	5719
				1/07/73	145.1	512.9									
				3/04/73	142.5	515.5		035/05W-17K02	5	33	878.0	12/04/72	51.0	827.0	5719
				4/01/73	142.3	515.7						4/27/73	51.3	826.7	
				5/05/73	159.6(11)	498.4		035/05W-17001	5	33	892.4	12/04/72	50.8	841.6	5719
				6/01/73	155.9(11)	502.1									
				8/03/73	144.8	513.2									
				9/05/73	145.5	512.5									

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT							Y-01	SANTA ANA RIVER HYDRO UNIT							Y-01
MIDDLE SANTA ANA RIV HYDR SUBUNIT							Y-01.8	MIDDLE SANTA ANA RIV HYDR SUBUNIT							Y-01.8
ARLINGTON HYDRO SUBAREA							Y-01.86	RIVERSIDE HYDRO SUBAREA							Y-01.87
035/05W-17001 S 33			892.4	3/30/73	49.7	842.7	5103	015/04W-28L02 S 36			940.0	7/06/77	81.0(1)	859.0	5783
(CONTINUED)				4/27/73	50.3	842.1	5719	(CONTINUED)				8/03/77	81.4(1)	858.6	
035/05W-19F03 S 33			832.7	11/27/72	3.9	828.8	5719	015/04W-28M01 S 36			935.0	11/20/72	73.5	861.5	5719
				4/27/73	9.4	824.8						4/17/73	48.8	886.2	
035/05W-19F04 S 33			834.2	11/27/72	7.7	826.5	5719	015/04W-28N05 S 36			927.0	10/06/72	87.2(1)	839.8	5783
				4/30/73	OPY	891.0	5719					11/03/72	90.1(1)	836.9	
035/05W-19P01 S			903.0	11/27/72	12.0	891.0	5719					12/21/72	71.5	855.5	5719
				4/30/73	DRY		5719					1/05/73	68.3	858.7	5783
035/05W-19P02 S			908.9	11/27/72	DRY		5719					2/02/73	71.2	855.8	
				4/30/73	DRY		5719					3/30/73	49.9	877.1	5719
035/05W-19P03 S			910.3	11/27/72	NM-7		5719					4/30/73	78.0(1)	849.0	5783
				4/30/73	NM-7		5719					6/08/73	52.0	875.0	
035/06W-03L01 S			802.0	11/15/72	15.7	786.3	5103	015/04W-28R01 S 36			994.0	11/21/72	111.4	882.6	5719
				12/07/72	15.7	786.3						4/17/73	110.1	883.9	
				1/04/73	16.0	786.0		015/04W-29H01 S 36			932.0	10/06/77	109.4(1)	822.6	5725
				2/14/73	16.8	785.2						11/27/77	71.4	860.6	
				3/07/73	17.1	784.9						12/18/77	65.8	866.2	
				6/12/73	17.3	784.7						2/20/73	95.8(1)	836.2	
				7/11/73	18.1	783.9						4/01/73	83.2(1)	848.8	
				8/09/73	17.8	784.2						7/01/73	51.8	880.2	
				9/07/73	16.8	785.2						9/10/73	89.1(1)	842.9	
035/06W-10G01 S			742.6	12/07/72	11.6	731.0	5719	015/04W-29H02 S 36			937.1	10/16/77	74.2	862.9	5725
				4/26/73	11.2	731.4						11/06/77	72.8	864.3	
035/06W-13A01 S 33			756.7	11/15/72	49.3(2)	707.4	5103					12/04/77	73.3	863.8	
				12/07/72	48.8(2)	707.9						1/02/73	62.0	875.1	
				1/04/73	48.3(2)	708.4						2/05/73	62.3	874.8	
				2/14/73	47.4(2)	709.3						3/05/73	65.3	871.8	
				3/07/73	46.8(2)	709.9						4/01/73	51.3	885.8	
				5/21/73	45.6(2)	711.1						5/08/73	55.7	881.4	
				7/11/73	47.2(2)	709.5						6/11/73	53.3	883.8	
				8/09/73	46.9(2)	709.8						7/01/73	52.1	885.0	
				9/07/73	46.9(2)	709.8						8/06/73	53.7	883.4	
												9/01/73	55.1	882.9	
035/06W-13R01 S			754.0	12/07/72	NM-1		5719	015/04W-29O01 S 36			924.5	10/24/77	70.9	853.6	5725
035/06W-13P02 S 33			755.0	12/07/72	50.1	704.9	5719					11/06/77	70.8	853.7	
				5/25/73	46.1(2)	708.9						12/04/77	72.5	852.0	
035/06W-13F05 S 33			716.9	12/07/72	39.6(4)	677.3	5719					1/22/73	63.7	860.8	
				5/25/73	39.5(4)	677.4						2/05/73	63.4	861.1	
035/06W-13M03 S 33			717.8	12/07/72	40.0	677.8	5719					3/05/73	45.1	879.4	
				5/25/73	38.7(4)	679.1						4/16/73	47.9	876.4	
035/06W-22K01 S 33			684.7	12/07/72	40.7	644.0	5719					5/27/73	46.2	878.3	
				5/25/73	40.9	643.8						6/11/73	46.1	878.4	
035/06W-22L03 S 33			685.8	12/07/72	41.0	644.8	5719	015/04W-29O03 S 36			928.0	10/24/77	72.1	855.9	5725
				5/25/73	39.6	646.2						1/06/77	72.4	855.6	
035/06W-23M01 S			748.4	12/07/72	60.8	687.6	5103					2/04/77	75.3	852.7	
				1/04/73	60.0	688.4						1/02/73	62.8	865.2	
				2/14/73	58.7	689.7						2/05/73	61.5	864.5	
				3/07/73	57.9	690.5						3/05/73	61.9	866.1	
				5/21/73	58.3	690.1						4/01/73	47.1	880.9	
				6/12/73	59.4	689.0						5/08/73	52.8	875.2	
				7/11/73	61.0	687.4						6/11/73	54.1	873.9	
				8/09/73	61.8	686.6						7/01/73	56.0	872.0	
				9/07/73	62.1	686.3						8/06/73	55.3	872.7	
035/06W-24G01 S 33			804.6	3/30/73	7.3	797.3	5103	015/04W-29R01 S 36			931.0	11/06/77	105.0	826.0	5725
035/06W-24P02 S 33			796.0	12/01/72	20.6	775.4	5719					12/04/77	75.4	855.6	
035/06W-24O01 S 33			811.7	11/15/72	5.6	806.1	5103					1/02/73	65.5	865.5	
				12/01/72	5.8	805.9	5719					2/05/73	65.2	865.8	
				1/04/73	6.1	805.6	5103					3/05/73	63.7	867.3	
				2/14/73	5.7	806.0						4/01/73	51.4	879.6	
				3/07/73	6.0	805.7						5/08/73	53.2	877.8	
				4/26/73	5.4	806.3	5719					6/18/73	52.9	878.1	
				6/12/73	6.0(4)	805.7	5103					7/09/73	57.2	873.8	
				7/11/73	5.9	805.8						8/20/73	56.4	874.4	
				8/09/73	6.0	805.7						9/01/73	57.6	873.4	
				9/07/73	6.0(4)	805.7									
RIVERSIDE HYDRO SUBAREA							Y-01.87	015/04W-30N06 S 36			985.9	12/05/77	160.2(4)	825.7	5719
015/04W-28L01 S 36			941.0	10/06/72	74.0	867.0	5783					4/19/73	128.7(2)	857.2	
				11/03/72	74.0	867.0		015/04W-30L02 S 36			898.0	10/13/77	24.0	874.0	5101
				12/21/72	76.1	863.9	5719					11/10/77	24.2	873.8	
				1/05/73	73.0	868.0	5783					12/06/77	23.7	874.3	
				2/02/73	70.0	871.0						1/03/73	25.5	872.5	
				3/30/73	62.0	878.0	5719					2/07/73	23.5	874.5	
				4/30/73	57.7	883.3	5783					4/03/73	20.4	877.6	
				6/08/73	57.2	883.8						5/03/73	21.0	877.0	
				7/06/73	61.0	880.0						6/07/73	15.8	882.2	
				8/03/73	60.9	880.1						7/10/73	16.5	881.5	
015/04W-28L02 S 36			940.0	10/06/72	89.0(1)	851.0	5783	015/04W-31J01 S 36			935.5	11/22/72	91.0	844.5	5719
				11/03/72	89.0(1)	851.0						4/18/73	73.5	862.0	
				1/05/73	90.0(1)	850.0		015/04W-32P01 S 36			917.0	11/20/72	64.4	852.6	5719
				2/02/73	88.6(1)	851.4						4/18/73	45.6	871.4	
				3/30/73	82.4(1)	857.6		015/04W-32R02 S 36			922.0	11/20/72	65.2	856.8	5719
				4/30/73	57.1	882.9						4/18/73	45.8	876.2	
				6/08/73	76.1(1)	863.9									

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA							Y-01 Y-01.8 Y-01.87	SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA							Y-01 Y-01.8 Y-01.87
01S/04W-32F07	S	36	905.6	11/22/72 4/18/73	53.0 39.8(2)	852.6 865.8	5719	01S/05W-36C11	S	36	876.0	4/03/73	49.5	826.5	5101
01S/04W-32E10	S	36	906.0	12/21/72 3/30/73	50.6 40.9	855.4 865.1	5719	02S/04W-05C01	S	36	976.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	156.3(1) 131.9 130.1 128.3 125.8 124.0 122.0 121.2 122.2 123.0 122.5 122.8	819.7 844.1 845.9 847.7 850.2 852.0 854.0 854.8 853.8 853.0 853.5 853.2	3847
01S/04W-32E11	S		906.0	5/01/73	NM-1		5719	025/04W-05F01	S	36	983.5	11/22/72 4/18/73	140.0 135.1	843.5 848.4	5719
01S/04W-32E12	S		903.0	11/22/72 4/18/73	08Y NM-9		5719	02S/04W-05N01	S	36	946.0	10/06/72 11/03/72 1/05/73 2/02/73 3/30/73 4/18/73 6/08/73 7/06/73 8/03/73	111.3(1) 110.0(1) 103.9 102.7 99.2 104.6(1) 109.0(1) 105.4(1) 110.6(1)	834.7 836.0 842.1 843.3 846.8 841.4 837.0 840.6 835.4	5783
01S/04W-32G04	S	36	917.8	11/22/72 4/18/73	62.0 42.3	855.8 875.5	5719	02S/04W-06K02	S	36	920.4	11/22/72 4/18/73	78.5 70.5	841.9 849.9	5719
01S/04W-32M01	S	36	935.0	10/06/72 11/03/72 1/05/73 2/02/73 3/30/73 4/18/73 6/08/73 7/06/73 8/03/73	70.5 72.8 68.9 67.3 66.9 60.9 66.5 67.4 67.5	864.5 862.2 866.1 867.7 868.1 862.8 868.5 867.6 867.5	5783	025/04W-06P01	S	36	946.0	12/21/72 3/30/73	105.6 98.3	840.4 847.7	5719
01S/04W-32002	S	36	1011.3	11/22/72 1/18/73	164.4 152.3	846.9 859.0	5719	02S/04W-06R05	S	36	947.8	11/28/72 4/18/73	106.2 98.4	841.6 849.4	5719
01S/04W-33R03	S	36	974.0	11/21/72 4/17/73	94.8 93.5	879.2 880.5	5719	02S/04W-06R06	S	36	941.9	11/28/72 4/18/73	102.3 94.7	841.6 849.2	5719
01S/04W-33R05	S	36	940.0	10/06/72 11/03/72 12/21/72 1/05/73 2/02/73 3/30/73 4/30/73 6/08/73 7/06/73 8/03/73	69.9 71.1 71.9 72.0 71.6 68.3 69.0 62.6 62.0 61.9	870.1 868.9 872.6 868.0 868.4 876.2 871.0 877.4 878.0 878.1	5783	025/04W-07L01	S	33	883.1	10/03/72 11/14/72 12/05/72 1/02/73 2/20/73 3/01/73 4/26/73 5/08/73 9/18/73	81.3 79.0 79.7 74.0 73.7 73.6 75.0 76.9 97.6(1)	801.8 804.1 803.4 809.1 809.4 809.5 808.1 806.2 785.5	5725
01S/05W-23N01	S	36	1037.6	10/00/72	226.0(1)	811.6	4124	025/04W-07N03	S	33	874.3	10/03/72 11/07/72 12/05/72 1/02/73 2/20/73 3/01/73 4/26/73 5/08/73 9/18/73	82.7 80.9 77.3 76.8 73.3 73.6 74.8 75.1 77.3	791.6 793.4 797.0 797.5 801.0 800.7 799.5 799.2 797.0	5725
01S/05W-24E01	S	36	1070.0	11/29/72 4/18/73	231.3 225.7	838.7 844.3	5719	02S/04W-08F01	S	33	987.0	11/02/72 1/31/73 4/26/73	146.3 117.7 114.4	840.7 869.3 872.6	5725
01S/05W-25A02	S	36	1009.0	12/05/72 4/19/73	155.7 155.0(4)	853.3 854.0	5719	02S/04W-08M01	S	33	1000.0	10/06/72 11/03/72 12/21/72 1/05/73 2/02/73 3/30/73 4/30/73 6/08/73 7/06/73 8/03/73	158.0 156.9 157.0 155.0 155.0 153.6 153.0 154.0 155.0 154.0	842.0 843.1 843.0 845.0 845.0 846.4 847.0 846.0 845.0 846.0	5783
01S/05W-25A03	S	36	997.0	12/05/72	151.3	845.7	5719	025/04W-08M02	S	33	983.0	10/06/72 11/03/72 11/03/72 1/05/73 2/02/73 3/30/73 4/30/73 6/08/73 7/06/73 8/03/73	144.0(1) 144.2(1) 139.0 138.7 137.2 138.6(1) 138.0(1) 139.0(1) 138.6(1)	839.0 838.8 844.0 844.3 845.8 844.4 845.0 844.0 844.4	5783
01S/05W-25P02	S	36	999.4 998.9	11/22/72 4/19/73	174.6 145.6	824.8 853.3	5101 5719	02S/04W-18F01	S	33	907.9	12/05/72 5/01/73	105.2 95.3	802.7 812.6	5719
01S/05W-25L02	S	36	940.0	11/28/72 4/19/73	97.2(4) 94.4	842.8 845.6	5719	02S/04W-19A01	S	33	994.0	11/24/72 5/01/73	178.2 179.0	815.8 815.0	5719
01S/05W-25P04	S	36	880.0	11/22/72 4/18/73	31.9 28.3(2)	848.1 851.7	5719	02S/04W-19F01	S	33	938.5	11/24/72 5/01/73	130.8 129.3	807.7 809.2	5719
01S/05W-33A01	S	36	1006.0	12/07/72 4/20/73	193.6 192.3	812.4 813.7	5719	02S/04W-19J02	S	33	1027.0	11/24/72 4/30/73	206.2 198.1	820.8 828.9	5719
01S/05W-33A02	S	36	1005.8	12/06/72 4/20/73	193.3 190.5(2)	812.5 815.3	5719	02S/04W-19N02	S	33	955.5	12/05/72	147.6	807.9	5719
01S/05W-33F01	S	36	1029.0	12/05/72 4/20/73	101.0 101.8	928.0 927.2	5719	02S/04W-19P01	S	33	997.7	12/05/72 4/30/73	182.8 182.1	814.9 815.6	5719
01S/05W-34D01	S	36	995.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73 9/00/73	194.0(1) 185.0 185.0 183.0 182.0 182.0 181.0 182.0 181.0 191.0(1) 189.0(1) 183.0	801.0 810.0 810.0 812.0 813.0 813.0 814.0 813.0 814.0 804.0 806.0 812.0	4124	02S/04W-29M01	S	33	1050.0	11/24/72	59.1	990.9	5719
01S/05W-34L02	S	36	958.7	11/28/72 4/19/73	149.0 144.7(4)	809.7 814.0	5719								
01S/05W-34M01	S	36	951.2	11/28/72 4/19/73	139.0 136.3	812.2 814.9	5719								
01S/05W-35D01	S	36	967.0	11/22/72 12/06/72 2/07/73 3/07/73 4/03/73 5/03/73	145.2 145.7 141.3 140.5 139.7 139.6	821.8 821.3 825.7 826.5 827.3 827.4	5101								
01S/05W-35G02	S	36	920.0	12/05/72 4/19/73	100.8 89.9	819.2 830.1	5719								
01S/05W-35R01	S	36	887.0	11/22/72 4/03/73	68.4 59.5	818.6 827.5	5101								

See page 79 for key to terms & abbreviations





TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA								
SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SURUNIT RIVERSIDE HYDRO SUBAREA							Y-01 Y-01.A Y-01.B7	SANTA ANA RIVER HYDRO UNIT LAKE MATHEWS HYDRO SURUNIT COLDWATER HYDRO SUBAREA							Y-01 Y-01.C Y-01.C1								
025/05W-23J01	5	33	869.4	1/02/73 3/01/73	101.0 97.7	768.4 771.7	5208	055/06W-03C01	5	33	1121.0	9/01/73	163.5	957.5	5717								
025/05W-23P01	5	33	864.2	11/01/72 1/31/73 3/01/73 4/26/73	144.1(1) 99.8 99.4 98.7	720.1 764.4 764.8 765.5	5725	055/06W-03G01	5	33	1100.0	10/07/72 11/04/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/05/73 6/02/73 7/07/73 8/05/73 9/01/73	139.8 146.7 146.4 146.7 148.8 146.3 113.9 110.1 126.5 139.3 143.8 145.0	960.2 953.3 953.4 953.3 951.2 953.7 986.1 984.4 973.5 960.7 958.2 958.0	5717								
025/05W-24001	5	36	873.7	11/02/72 1/02/73 3/01/73 4/26/73	105.3 103.4 101.2 99.4	768.4 770.3 772.5 774.3	5725	025/05W-25A01	5		948.4	3/30/73	168.2(3)	780.2	5103								
025/05W-25A01	5		948.4	3/30/73	168.2(3)	780.2	5103	025/05W-26F02	5	33	820.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	58.1 80.4(1) 56.5 54.1 53.3 51.9 51.8 50.9 76.6(1) 83.2(1) 85.7(1) 59.2	761.9 739.6 763.5 765.9 766.7 768.1 768.2 769.1 743.4 736.8 734.3 760.8	3847								
025/05W-26F02	5	33	820.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	58.1 80.4(1) 56.5 54.1 53.3 51.9 51.8 50.9 76.6(1) 83.2(1) 85.7(1) 59.2	761.9 739.6 763.5 765.9 766.7 768.1 768.2 769.1 743.4 736.8 734.3 760.8	3847	025/05W-26F01	5	33	810.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 7/03/73 8/07/73 9/04/73	51.6 52.1 49.1 47.4 46.0 44.7 43.7 44.5 65.7(1) 68.0(1) 51.5	758.4 757.9 760.9 762.6 764.0 765.3 766.3 765.5 744.3 742.0 758.5	3847								
025/05W-26F01	5	33	810.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 7/03/73 8/07/73 9/04/73	51.6 52.1 49.1 47.4 46.0 44.7 43.7 44.5 65.7(1) 68.0(1) 51.5	758.4 757.9 760.9 762.6 764.0 765.3 766.3 765.5 744.3 742.0 758.5	3847	025/05W-26M01	5	33	820.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	53.3 53.4 51.3 48.9 47.7 46.9 45.0 45.2 48.7 66.5(1) 68.3(1) 53.0	766.7 766.6 768.7 771.1 772.3 773.1 775.0 774.8 771.3 753.5 751.7 767.0	3847								
025/05W-26M01	5	33	820.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	53.3 53.4 51.3 48.9 47.7 46.9 45.0 45.2 48.7 66.5(1) 68.3(1) 53.0	766.7 766.6 768.7 771.1 772.3 773.1 775.0 774.8 771.3 753.5 751.7 767.0	3847	025/05W-29F02	5	33	717.4	10/06/72 11/09/72 12/06/72 1/03/73 2/09/73 3/05/73 4/05/73 5/18/73 6/08/73 7/10/73 8/08/73 9/06/73	8.7 8.2 8.1 8.3 7.6 7.5 7.7 7.8 7.9 7.7 8.2 7.9	708.7 709.2 709.3 709.1 709.8 709.4 709.7 709.6 709.5 709.7 709.2 709.5	5103								
025/05W-29F02	5	33	717.4	10/06/72 11/09/72 12/06/72 1/03/73 2/09/73 3/05/73 4/05/73 5/18/73 6/08/73 7/10/73 8/08/73 9/06/73	8.7 8.2 8.1 8.3 7.6 7.5 7.7 7.8 7.9 7.7 8.2 7.9	708.7 709.2 709.3 709.1 709.8 709.4 709.7 709.6 709.5 709.7 709.2 709.5	5103	025/05W-29F06	5	33	738.3	11/29/72 4/23/73	25.5 24.9	712.8 713.4	5719								
025/05W-29F06	5	33	738.3	11/29/72 4/23/73	25.5 24.9	712.8 713.4	5719	045/06W-16C01	5	33	781.0	10/03/72 11/25/72 1/07/73 3/03/73 5/05/73 6/01/73 8/03/73 9/05/73	42.0(1) 27.3 21.2 16.0 26.6(1) 21.7 29.5 31.9	734.0 753.7 754.4 765.0 754.4 759.3 751.4 749.1	5727								
025/05W-32A01	5		783.0	12/05/72 5/01/73	58.1 52.1	724.9 730.9	5719	045/06W-16C02	5	33	790.0	10/07/72 11/04/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/05/73 6/02/73 7/07/73 8/05/73 9/01/73	58.8(1) 40.4(1) 29.0 19.0 17.1 15.5 12.0 56.0 58.4 54.0(1) 57.5(1) 55.3(1)	730.2 744.8 761.0 771.0 772.4 774.5 778.0 734.0 731.6 734.0 732.5 734.7	5717								
025/05W-32A01	5		783.0	12/05/72 5/01/73	58.1 52.1	724.9 730.9	5719	025/05W-32P01	5		780.1	12/05/72	52.6	727.5	5719								
025/05W-32P01	5		780.1	12/05/72	52.6	727.5	5719	025/05W-32K01	5		776.8 777.5 776.8	11/15/72 12/05/72 1/04/73 2/14/73 3/07/73 5/01/73 6/12/73 7/11/73 8/09/73 9/07/73	39.3 39.2 39.3 38.8 39.0 38.5 38.6 38.6 38.7 38.9	737.5 738.3 737.5 738.0 737.8 739.0 738.2 738.2 738.1 737.9	5103 5719 5103								
025/05W-32K01	5		776.8 777.5 776.8	11/15/72 12/05/72 1/04/73 2/14/73 3/07/73 5/01/73 6/12/73 7/11/73 8/09/73 9/07/73	39.3 39.2 39.3 38.8 39.0 38.5 38.6 38.6 38.7 38.9	737.5 738.3 737.5 738.0 737.8 739.0 738.2 738.2 738.1 737.9	5103 5719 5103	025/05W-36A01	5		915.0	3/30/73	62.1	852.9	5103								
025/05W-36A01	5		915.0	3/30/73	62.1	852.9	5103	LAKE MATHEWS HYDRO SURUNIT COLDWATER HYDRO SUBAREA							Y-01.C Y-01.C1								
LAKE MATHEWS HYDRO SURUNIT COLDWATER HYDRO SUBAREA							Y-01.C Y-01.C1	055/06W-03C01	5	33	1121.0	10/07/72 11/04/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/05/73 6/02/73 7/07/73 8/05/73 9/01/73	156.5 160.8 147.8 144.9 144.3 161.0 150.3 141.3 145.9 146.9 150.1	964.5 960.2 973.2 976.1 976.7 960.0 970.7 979.7 975.1 974.1 970.9	5717	045/06W-16F01	5	33	800.0	10/07/72 11/04/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/05/73 6/02/73 7/07/73 8/05/73 9/01/73	33.7(1) 37.2(1) 24.3 16.0 10.8 8.4 7.1 17.3 18.7 23.6(1) 26.0(1) 29.0(1)	766.3 762.4 775.7 764.0 789.2 791.2 792.4 762.7 781.3 776.4 774.0 771.0	5717
055/06W-03C01	5	33	1121.0	10/07/72 11/04/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/05/73 6/02/73 7/07/73 8/05/73 9/01/73	156.5 160.8 147.8 144.9 144.3 161.0 150.3 141.3 145.9 146.9 150.1	964.5 960.2 973.2 976.1 976.7 960.0 970.7 979.7 975.1 974.1 970.9	5717	045/06W-35G01	5	33	956.0	10/07/72 11/04/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/05/73 6/02/73 7/07/73	68.0 43.9 35.2 31.8 30.8 27.5 25.0 26.7 43.3 49.3	888.0 912.1 920.8 924.2 925.2 928.5 931.0 929.3 912.7 906.7	5717								

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT LAKE MATHEWS HYDRO SUBUNIT BEOFFORD HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT COLTON-PIALTO HYDRO SUBUNIT UPPER LYTLE HYDRO SUBAREA							
								Y-01 Y-01.C Y-01.C2							
04S/06W-35G01 S			956.0	8/05/73 9/01/73	50.5 61.8(1)	905.5 894.2	5717	02N/06W-26L02 S	36		2754.1	3/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	45.0 45.0 44.5 46.0 45.0 45.5	2709.1 2709.1 2709.6 2710.1 2709.1 2704.6	4706
(CONTINUED)								(CONTINUED)							
04S/06W-35G02 S	33		956.0	10/07/72 11/04/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/05/73 6/02/73 7/07/73 8/05/73 9/01/73	73.8(1) 43.8 35.2 31.8 30.8 27.5 25.0 30.5(1) 43.4 49.1(1) 50.5(1) 61.8(1)	882.2 912.2 920.8 924.2 925.2 928.5 931.0 925.5 912.6 906.9 905.5 894.2	5717	LOWER LYTLE HYDRO SUBAREA							
								Y-01.02							
								01N/05W-06G01 S	36		2242.5	10/01/72 11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	95.7(1) 95.2(1) 95.4(1) 92.7(1) 88.4(1) 46.8 45.1 61.2 68.5(1) 71.5(1) 79.9(1) 77.4	2146.4 2147.1 2147.1 2149.4 2154.1 2195.7 2197.4 2181.7 2174.0 2171.0 2162.6 2165.1	4706
LEF LAKE HYDRO SUBAREA								Y-01.C4							
05S/05W-07C01 S			1095.0	10/07/72 11/04/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/05/73 6/02/73 7/07/73 8/05/73 9/01/73	23.5 24.0 22.8 13.7 12.3 6.1 4.3 34.8 37.4 40.1 40.8(1) 31.5(1)	1071.5 1071.0 1072.2 1081.3 1082.7 1088.9 1090.7 1060.2 1057.6 1054.9 1054.2 1063.5	5717	01N/05W-06K02 S	36		2153.0	10/01/72 11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	99.6 99.6 99.6 99.6 55.8 46.5 65.0 67.3 69.6 81.2 90.6	2053.4 2053.4 2053.4 2053.4 2057.2 2104.5 2088.0 2085.7 2083.4 2071.4 2067.4	4706
05S/05W-08N01 S	33		1175.0	10/07/72 11/04/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/05/73 6/02/73 7/07/73 8/05/73 9/01/73	73.0(1) 82.4(1) 50.0 42.8 37.9 33.2 30.4 63.3 49.3 71.5(1) 74.0(1) 89.0(1)	1102.0 1092.6 1125.0 1132.2 1137.1 1141.8 1144.6 1111.7 1105.7 1103.5 1101.0 1086.0	5717	01N/05W-07H01 S	36		2065.5	10/01/72 11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	115.3 115.3 115.3 120.0 122.3 83.0 64.5 76.1 89.9(1) 94.5(1) 99.2(1) 110.7(1)	1950.2 1950.2 1950.2 1945.5 1943.2 1982.5 2001.1 1994.4 1975.6 1971.0 1966.4 1954.4	4706
05S/05W-08P01 S	33		1190.0	10/07/72 11/04/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/05/73 6/02/73 7/07/73 8/05/73 9/01/73	79.7(1) 80.9(1) 59.8 48.5 45.0 41.8 38.8 44.8 72.0 70.3(1) 73.0(1) 81.5(1)	1110.3 1109.1 1130.2 1141.5 1145.0 1148.2 1151.2 1125.2 1118.0 1119.7 1117.0 1108.5	5717	01N/05W-22C02 S	36		1591.5	10/01/72 11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	287.1(1) 296.4(1) 291.8(1) 307.9(1) 310.2(1) 264.0 247.9 234.0 234.8(1) 271.0(1) 289.4(1) 296.4(1)	1304.4 1295.1 1294.7 1283.8 1281.1 1327.5 1343.1 1357.5 1356.7 1320.5 1302.1 1295.1	4706
TERRA COTTA HYDRO SUBAREA								Y-01.C5							
05S/04W-31F03 S	33		1275.0	10/19/72 4/09/73	27.1 24.2	1247.9 1250.8	5103	01N/05W-22F01 S	36		1596.5	10/01/72 11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	326.4(1) 331.0(1) 312.5(1) 296.4(1) 206.4(1) 236.3 222.5 213.2 201.7 204.0 201.7 204.0	1270.1 1265.5 1284.0 1300.1 1340.1 1360.2 1374.1 1383.1 1394.4 1392.5 1394.8 1392.5	4706
05S/05W-36H02 S	33		1256.0	10/19/72 4/09/73	9.7 6.1	1246.3 1249.9	5103	01N/05W-22F02 S	36		1583.0	10/01/72 11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	277.1(1) 286.3(1) 281.7(1) 295.5(1) 293.2(1) 260.9 242.4 228.6 244.7(1) 260.9(1) 272.4(1) 281.7(1)	1305.3 1296.7 1301.4 1287.5 1289.4 1322.1 1340.8 1354.4 1338.3 1322.1 1310.6 1301.3	4706
05S/05W-36J01 S			1260.0	10/19/72 4/09/73	8.9 3.7	1251.1 1256.3	5103	01N/05W-23P04 S	36		1470.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73 9/00/73	167.0(1) 173.0(1) 173.0(1) 151.0 127.0(1) 125.0(1) 159.0(1) 154.0(1) 150.0(1) 156.0(1) 140.0 170.0(1)	1303.0 1297.0 1297.0 1319.0 1343.0 1345.0 1311.0 1316.0 1320.0 1314.0 1330.0 1300.0	4706
06S/04W-06G01 S	33		1270.0	10/19/72 11/17/72 12/14/72 1/09/73 2/16/73 3/09/73 4/09/73 5/22/73 6/14/73 7/13/73 8/13/73 9/11/73	17.5 17.7 17.7 17.7 17.2 16.8 16.6 16.7 16.8 17.4 18.0 18.4	1252.5 1252.3 1252.3 1252.3 1252.8 1253.2 1253.4 1253.3 1253.2 1252.6 1252.0 1251.6	5103	COLTON-PIALTO HYDRO SUBUNIT UPPER LYTLE HYDRO SUBAREA							
								Y-01.0 Y-01.D1							
02N/06W-26L01 S	36		2760.0	10/01/72 11/01/72 12/01/72 1/02/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	34.0(1) 33.5(1) 32.8(1) 35.0(1) 35.1(1) 16.0 16.0 16.0 15.8 31.7(1) 36.4(1) 39.0(1)	2726.0 2726.5 2727.2 2725.0 2724.9 2744.0 2744.0 2744.0 2744.2 2728.3 2723.6 2721.0	4706	01N/05W-23P04 S	36		1470.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73 9/00/73	167.0(1) 173.0(1) 173.0(1) 151.0 127.0(1) 125.0(1) 159.0(1) 154.0(1) 150.0(1) 156.0(1) 140.0 170.0(1)	1303.0 1297.0 1297.0 1319.0 1343.0 1345.0 1311.0 1316.0 1320.0 1314.0 1330.0 1300.0	4706
02N/06W-26L02 S	36		2754.1	10/01/72 11/01/72 12/01/72 1/02/73 2/01/73	44.5 45.5 46.0 45.5 45.0	2709.6 2708.6 2708.1 2708.6 2709.1	4706								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT COLTON-RIALTO HYDRO SUBUNIT UPPER COLTON-RIALTO HYDRO SUBAREA							Y-01 Y-01.0 Y-01.03	SANTA ANA RIVER HYDRO UNIT COLTON-RIALTO HYDRO SUBUNIT COLTON-RIALTO HYDRO SUBAREA							Y-01 Y-01.0 Y-01.04
01N/05W-17601	S	36	1850.0	10/00/72	68.0	1782.0	4124	01S/04W-18601	S	36	1093.5	8/01/73	210.0	883.5	4201
				11/00/72	68.0	1782.0		(CONTINUED)				9/04/73	206.0	887.5	
				12/00/72	68.0	1782.0		01S/04W-21K01	S	36	959.0	5/17/73	22.8	936.2	3230
				1/00/73	68.0	1782.0						7/19/73	30.1	928.9	
				2/00/73	71.0	1779.0						9/13/73	40.1	918.9	
				3/00/73	70.0	1780.0		01S/04W-21L01	S	36	956.0	10/16/72	67.4	888.6	5725
				4/00/73	57.0	1793.0						11/06/72	66.7	889.3	
				5/00/73	56.0	1794.0						12/04/72	68.2	887.4	
				7/00/73	53.0	1797.0						1/02/73	63.2	892.8	
				8/00/73	69.0	1781.0						2/05/73	63.4	892.6	
				9/00/73	58.0	1792.0						3/05/73	68.0	888.0	
01N/05W-17K01	S	36	1852.7	10/00/72	64.0	1788.7	4124					4/01/73	58.4	897.6	
				11/00/72	88.0	1764.7						5/08/73	58.3	897.7	
				12/00/72	88.0	1764.7						6/11/73	61.6	894.4	
				5/00/73	52.0	1800.7						7/01/73	61.3	894.7	
				7/00/73	68.0	1784.7						8/06/73	57.9	898.1	
												9/01/73	58.3	897.7	
01N/05W-17K02	S	36	1852.6	10/00/72	64.5	1788.1	4124	01S/04W-27L01	S	36	993.0	11/21/72	83.7	909.3	5719
				11/00/72	89.5(1)	1763.1						4/17/73	81.0	912.0	
				12/00/72	89.5(1)	1763.1		01S/04W-27N01	S	36	1015.0	11/21/72	111.5	903.5	5713
				1/00/73	61.5	1791.1						4/17/73	111.6	903.4	
				2/00/73	64.5	1788.1		01S/04W-28A05	S	36	960.0	12/11/72	55.9	904.1	5713
				3/00/73	66.5	1786.1						4/17/73	45.6	914.4	
				4/00/73	50.5	1802.1		01S/04W-28C01	S	36	948.0	10/16/72	60.9	887.1	5725
				5/00/73	48.5	1804.1						11/06/72	60.8	887.2	
				7/00/73	78.5(1)	1774.1						12/04/72	60.5	887.5	
				8/00/73	53.5	1799.1						1/02/73	55.9	892.1	
				9/00/73	55.5	1797.1						2/05/73	59.0	889.0	
01N/05W-18F02	S	36	1895.0	11/03/72	130.2	1764.8	5101					3/05/73	55.7	892.3	
				4/06/73	127.5	1767.5						4/01/73	51.4	896.6	
01N/06W-13N01	S		1675.0	11/03/72	189.6	1485.4	5101					5/08/73	58.9	889.1	
				4/06/73	189.0	1486.0						6/11/73	57.9	890.1	
COLTON-RIALTO HYDRO SUBAREA							Y-01.04								
01N/05W-28J01	S	36	1514.2	10/00/72	426.0	1088.2	4124	01S/04W-28N01	S	36	942.1	10/16/72	60.6	881.4	5725
				11/00/72	426.0	1088.2						11/06/72	59.6	882.4	
				12/00/72	426.0	1088.2						12/04/72	60.0	882.0	
				1/00/73	427.0	1087.2						1/02/73	57.0	885.0	
				2/00/73	426.0	1088.2						2/05/73	57.6	884.4	
				3/00/73	427.0	1087.2						3/05/73	57.4	884.6	
				4/00/73	424.0	1090.2						4/01/73	53.8	888.2	
				5/00/73	422.0	1092.2						5/08/73	56.2	885.8	
				7/00/73	423.0	1091.2						6/11/73	52.1	889.9	
				8/00/73	421.0	1093.2						7/01/73	52.2	889.8	
				9/00/73	422.0	1092.2						8/06/73	55.3	886.7	
												9/01/73	57.2	884.8	
01N/05W-29A01	S		1627.0	10/13/72	426.1	1200.9	5101	01S/04W-28G01	S	36	954.0	11/22/72	54.8	899.2	5719
				11/10/72	427.8	1199.2						4/17/73	49.2	904.8	
				12/06/72	431.5	1195.5		01S/04W-28K01	S	36	947.0	10/06/72	57.8	889.2	5783
				1/03/73	429.9	1197.1						11/03/72	57.8	889.2	
				2/07/73	424.8	1202.2						1/05/73	53.8	893.2	
				3/07/73	431.5	1195.5						2/02/73	53.8	893.2	
				4/06/73	432.2	1194.8						3/30/73	67.0(1)	860.0	
				5/03/73	434.0	1193.0						4/30/73	53.6	893.4	
				6/07/73	433.9	1193.1						6/08/73	53.6	893.4	
				7/10/73	434.5	1192.5						7/06/73	55.9	891.1	
				8/02/73	438.5	1188.5						8/03/73	57.0	890.0	
				9/13/73	436.0	1191.0									
01S/04W-17M01	S	36	1068.5	12/11/72	188.7	879.8	5719	01S/04W-28K02	S	36	952.4	10/06/72	52.4	900.0	5783
				4/17/73	184.9	883.6						11/03/72	52.4	900.0	
01S/04W-18801	S	36	1135.3	10/21/72	238.0	897.3	4201					1/05/73	49.7	902.7	
				11/01/72	238.0	897.3						2/02/73	50.0	902.4	
				2/01/73	235.0	900.3						3/30/73	49.0	903.4	
				3/01/73	238.0	897.3						4/30/73	48.7	903.7	
				4/27/73	238.0	897.3						6/08/73	48.0	904.4	
				6/29/73	239.0	896.3						7/06/73	51.8	900.6	
				8/01/73	238.0	897.3						8/03/73	49.1	903.3	
				9/04/73	238.0	897.3									
01S/04W-18F01	S	36	1115.5	11/10/72	274.8	840.7	5101	01S/05W-02K01	S	36	1287.0	10/00/72	322.0	965.0	4124
				12/06/72	271.1	844.4						11/00/72	321.0	966.0	
				1/03/73	255.1	860.4						12/00/72	321.0	966.0	
				2/07/73	260.1	855.4						1/00/73	319.0	968.0	
				3/07/73	265.6(6)	849.9						2/00/73	319.0	968.0	
				4/03/73	230.6	884.9						3/00/73	319.0	968.0	
				5/03/73	263.8(6)	851.7						4/00/73	320.0	967.0	
				7/10/73	235.9	879.6						5/00/73	319.0	968.0	
				9/13/73	265.6	849.9						6/00/73	319.0	968.0	
01S/04W-18F01	S	36	1099.4	10/21/72	210.0	889.4	4201					7/00/73	318.0	969.0	
				11/01/72	210.0	889.4						8/00/73	317.0	970.0	
				2/01/73	209.0	890.4						9/00/73	321.0	966.0	
				3/01/73	209.0	890.4									
				4/27/73	209.0	890.4									
				5/30/73	202.0	897.4									
				6/29/73	210.0	889.4									
				8/01/73	210.0	889.4									
				9/04/73	206.0	893.4									
01S/04W-18601	S	36	1093.5	10/21/72	210.0	883.5	4201	01S/05W-04N02	S	36	1392.0	1/02/73	367.4	1024.6	4706
				11/01/72	210.0	883.5						2/01/73	372.0	1020.0	
				2/01/73	209.0	884.5						3/01/73	376.0	1016.0	
				3/01/73	209.0	884.5						4/01/73	378.0	1014.0	
				4/27/73	210.0	883.5						5/01/73	378.0		

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA				
SANTA ANA RIVER HYDRO UNIT COLTON-RIALTO HYDRO SURUNIT COLTDN-RIALTO HYDRO SUBAREA							Y-01 Y-01.0 Y-01.04	SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SUBAREA							Y-01 Y-01.E Y-01.F2				
015/05W-05A02 5 36			1407.0	11/01/72	311.3	1095.7	4706	01N/03W-30C02 5 36			1355.6	10/00/72	289.6	1066.0	4104				
(CONTINUED)				12/01/72	306.7	1100.3						11/00/72	286.6	1069.0					
				1/02/73	299.7	1107.3						12/00/72	287.6	1068.0					
				2/01/73	290.5	1116.5						1/00/73	287.6	1068.0					
				3/01/73	283.6	1123.4						3/00/73	286.6	1069.0					
				4/01/73	281.3	1125.7						4/00/73	287.6	1068.0					
				5/01/73	281.3	1125.7						5/00/73	289.6	1066.0					
				6/01/73	274.3	1132.7						7/00/73	288.6	1067.0					
				7/01/73	278.9	1128.1						8/00/73	286.6	1069.0					
				8/01/73	281.3	1125.7						9/00/73	287.6	1068.0					
				9/01/73	283.6	1123.4													
015/05W-05A03 5 36			1406.0	10/01/72	297.3	1108.7	4706	01N/03W-30N01 5 36			1234.7	10/00/72	250.7(1)	984.0	4104				
				11/01/72	297.3	1108.7						11/00/72	249.7(1)	985.0					
				12/01/72	329.6(1)	1076.4						12/00/72	251.7(1)	983.0					
				1/02/73	320.4(1)	1085.6						1/00/73	253.7(1)	981.0					
				2/01/73	288.1	1117.9						3/00/73	254.7(1)	960.0					
				3/01/73	283.4	1122.6						4/00/73	254.7(1)	980.0					
				4/01/73	281.1	1124.9						5/00/73	257.2(1)	977.5					
				5/01/73	276.5	1129.5						7/00/73	257.7(1)	977.0					
				6/01/73	269.6	1136.4						8/00/73	255.7(1)	979.0					
				7/01/73	276.5	1129.5						9/00/73	253.7(1)	981.0					
				8/01/73	276.5	1129.5													
				9/01/73	276.5	1129.5													
015/05W-12L01 5 36			1180.0	10/00/72	277.8(1)	902.2	4124	01N/03W-31C02 5 36			1210.0	10/00/72	NM-3		4104				
				11/00/72	255.8	924.2						11/00/72	NM-3						
				12/00/72	255.8	924.2						12/00/72	NM-3						
				1/00/73	272.8(1)	907.2						1/00/73	NM-3						
				2/00/73	253.8	926.2						3/00/73	NM-3						
				3/00/73	252.8	927.2						4/00/73	NM-3						
				4/00/73	252.8	927.2						5/00/73	NM-3						
				5/00/73	259.8	920.2						7/00/73	NM-3						
				6/00/73	262.8	917.2						8/00/73	NM-3						
				7/00/73	276.8(1)	903.2						9/00/73	NM-3						
				8/00/73	276.8(1)	903.2													
				9/00/73	275.8(1)	904.2													
015/05W-12N01 5 36			1173.0	10/00/72	245.3	927.7	4124	01N/03W-31L03 5 36			1149.8	11/27/72	175.7	974.1	5051				
				11/00/72	244.3	928.7						11/16/72	262.8	1007.2	5051				
				12/00/72	244.3	928.7													
				1/00/73	244.3	928.7													
				2/00/73	243.3	929.7													
				3/00/73	262.3	930.7													
				4/00/73	242.3	930.7													
				5/00/73	245.3	927.7													
				6/00/73	252.3(1)	920.7													
				7/00/73	244.3	928.7													
				8/00/73	244.3	928.7													
				9/00/73	240.3	932.7													
PEACHE HYDRO SUBAREA							Y-01.05	01N/04W-06H02 5 36							1887.7	10/13/72	28.4	1859.3	3230
015/04W-34R01 5 36			1075.0	11/10/72	120.7	954.3	5101					11/14/72	28.0	1859.7					
				1/03/73	125.8	949.2						1/29/73	27.8	1859.9					
				3/13/73	125.8(4)	949.2						3/15/73	28.7	1859.0					
				5/04/73	137.9	937.1						4/17/73	29.6	1859.1					
				6/08/73	135.9	939.1						5/14/73	27.7	1860.0					
				7/11/73	139.8	935.2						6/12/73	27.6	1860.1					
				8/01/73	131.8	943.2						7/17/73	28.4	1859.3					
				9/18/73	126.0(3)	949.0						8/15/73	28.1	1859.6					
												9/13/73	27.9	1859.4					
015/04W-34001 5 36			1260.0	10/04/72	47.4	1212.6	5101	01N/04W-07F01 5 36			1622.0	10/13/72	200.0(1)	1422.0	3230				
				11/10/72	50.0	1210.0						11/15/72	202.6(1)	1419.4					
				12/05/72	49.0	1211.0						12/29/72	184.1	1437.9					
				1/03/73	44.7	1215.3						1/29/73	183.2(2)	1438.8					
				2/03/73	45.6	1214.4						2/09/73	181.8	1440.2					
				3/13/73	43.0	1217.0						3/15/73	183.4	1458.5					
				4/05/73	42.3	1217.7						4/02/73	158.9	1463.1					
				5/04/73	45.3	1214.7						5/07/73	136.0	1486.0					
				6/08/73	45.9	1214.1						6/04/73	148.7(1)	1473.3					
				8/01/73	46.5	1213.5						7/02/73	154.1(1)	1467.9					
				9/18/73	46.0	1214.0						8/06/73	152.9(1)	1469.1					
												9/04/73	156.6(1)	1465.4					
025/03W-18D02 5 36			1660.0	10/27/72	NM-R		5103	01N/04W-08H01 5 36			1529.8	10/13/72	198.5	1331.3	3230				
				4/20/73	NM-1							11/14/72	201.0	1328.8					
025/03W-18K01 5 33			1900.0	10/27/72	76.0	1824.0	5103					12/29/72	204.5	1325.3					
				4/20/73	72.7	1827.3						1/11/73	204.9	1324.9					
025/03W-20N01 5 33			2000.0	10/27/72	53.9	1946.1	5103					2/05/73	203.5	1326.4					
				4/20/73	43.9	1956.1						3/12/73	168.7	1361.1					
025/04W-12P02 5 36			1502.0	10/27/72	41.8	1460.2	5103					4/02/73	160.4	1369.4					
				4/20/73	40.7	1461.3						5/04/73	142.7	1387.1					
UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SUBAREA							Y-01.E Y-01.E2	01N/04W-08P01 5 36							1476.7	10/26/72	195.1	1281.6	3230
01N/03W-28R01 5 36			1496.2	10/00/72	455.9(1)	1040.3	4104					11/14/72	198.4	1278.3					
				11/00/72	452.9(1)	1043.3						12/29/72	201.1	1275.6					
				12/00/72	457.9(1)	1038.3						1/11/73	202.3	1274.4					
				1/00/73	463.9(1)	1032.3						2/05/73	204.3	1272.4					
				3/00/73	461.9(1)	1034.3						3/08/73	200.4	1276.3					
				4/00/73	463.9(1)	1032.3						4/02/73	193.2	1283.5					
				5/00/73	466.9(1)	1029.3						5/04/73	185.1	1291.6					
				7/00/73	465.9(1)	1030.3						6/04/73	173.9	1307.8					
				8/00/73	463.9(1)	1032.3						7/02/73	166.8	1309.9					
				9/00/73	461.9(1)	1034.3						8/06/73	155.5	1321.2					
												9/04/73	145.6	1331.1					
01N/03W-29M01 5 36			1345.2	11/16/72	333.5	1011.7	5051	01N/04W-14R08 5 36			1409.1	11/27/72	15.6	1393.5	3230				
												1/31/73	15.2	1393.9					
01N/03W-29N01 5 36			1291.0	11/15/72															

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA							Y-01 Y-01.F Y-01.E2	SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT BUNKER HILL HYDRO SUBAREA							Y-01 Y-01.F Y-01.F2
01N/04W-14P08 5 36			1409.1	5/15/73 7/16/73 9/13/73	14.5 15.9 15.3	1394.6 1393.2 1393.8	3230	01N/04W-25C02 5 36			1246.3	4/00/73 5/00/73 7/00/73 9/00/73	289.6(1) 291.6(1) 292.6(1) 289.6(1)	956.7 954.7 953.7 956.7	4104
(CONTINUED)								(CONTINUED)							
01N/04W-16F01 5 36			1411.9	10/13/72 11/15/72 12/29/72 1/29/73 2/09/73 3/16/73 4/02/73 5/14/73 6/06/73 7/18/73 8/15/73 9/12/73	200.3(2) 195.2(2) 199.0 194.9(4) 203.7 206.3(4) 200.2 207.8(4) 203.1 208.4(4) 206.7(4) 203.9(4)	1211.6 1216.7 1212.9 1217.0 1208.2 1205.6 1211.7 1204.1 1208.8 1203.5 1205.2 1208.0	3230	01N/04W-25M03 5 36		1208.0	10/00/72 11/00/72 12/00/72 1/00/73 3/00/73 4/00/73 5/00/73 7/00/73 8/00/73 9/00/73	192.0 192.0 195.0 199.5 196.0 198.0 199.0 198.0 195.0 193.0	1016.0 1016.0 1013.0 1008.5 1012.0 1010.0 1004.0 1010.0 1013.0 1015.0	4104	
01N/04W-16F02 5 36			1403.3	10/13/72 11/15/72 12/29/72 1/29/73 2/09/73 3/16/73 4/02/73 5/14/73 6/06/73 7/18/73 8/15/73 9/12/73	206.8(2) 204.1(2) 196.2 221.9(2) 201.3 227.7(4) 195.9 202.1(4) 200.7 203.6(4) 201.4(4) 198.2(4)	1196.5 1199.2 1207.1 1181.4 1202.0 1175.6 1207.4 1201.2 1202.6 1199.7 1201.9 1205.1	3230	01N/04W-25P04 5 36		1190.4	10/00/72 11/00/72 12/00/72 1/00/73 3/00/73 4/00/73 5/00/73 7/00/73 8/00/73 9/00/73	185.0 184.0 186.0 190.0 188.0 190.0 192.0 192.0 190.0 188.0	1005.4 1006.4 1004.4 1000.4 1002.4 1000.4 998.4 998.4 1000.4 1002.4	4104	
01N/04W-16F03 5 36			1407.0	10/13/72 11/27/72 12/29/72 1/29/73 2/09/73 3/16/73 4/02/73 5/14/73 6/06/73 7/18/73 8/15/73 9/12/73	199.4(2) 191.4 197.2 212.3(2) 202.0 201.7(2) 199.2 202.4(4) 201.5 204.0(2) 201.8(2) 198.8(2)	1207.6 1215.6 1209.8 1194.7 1205.0 1205.3 1207.8 1204.6 1205.5 1203.0 1205.2 1208.2	3230	01N/04W-26F02 5 36		1236.2	10/12/72 11/14/72 12/27/72 1/30/73 2/05/73 3/14/73 4/02/73 5/14/73 6/06/73 7/15/73 8/06/73 9/04/73	265.9 263.5 261.5 266.6 256.4 260.2 253.3 266.4(1) 256.3 266.4(1) 265.3(1) 266.0(1)	970.3 972.7 974.7 969.6 979.4 976.0 982.9 964.4 979.4 969.4 970.2 970.2	3230	
01N/04W-16F04 5 36			1413.1	10/13/72 11/15/72 12/29/72 1/29/73 2/09/73 3/16/73 4/02/73 5/14/73 6/06/73 7/18/73 8/06/73 9/04/73	218.5(2) 219.9(2) 200.6 200.3(4) 205.3 204.4(4) 201.8 203.0 233.1(1) 232.9(1) 232.1(1) 232.5(1)	1194.6 1193.2 1212.5 1212.8 1207.8 1208.7 1211.3 1210.1 1180.0 1180.2 1181.0 1180.6	3230	01N/04W-26M01 5 36		1200.7	11/14/72 3/14/73 5/15/73 7/17/73 9/11/73	236.8 225.0 225.5 233.1 238.8(1)	963.4 974.7 975.7 967.6 961.6	3230	
01N/04W-20N01 5 36			1330.9	11/14/72 1/31/73 3/16/73 5/15/73 9/13/73	268.3 268.4 271.5 270.2 273.1	1062.6 1062.5 1059.4 1060.7 1057.8	3230	01N/04W-26P03 5 36		1173.9	10/12/72 11/14/72 1/29/73 3/14/73 4/16/73 5/14/73 6/12/73 7/16/73 8/06/73 9/04/73	229.4 209.9 203.8 199.8 198.4 200.5 204.2 240.1(1) 239.9(1) 209.6	944.5 944.0 970.1 974.1 975.5 973.4 969.7 933.4 934.0 944.4	3230	
01N/04W-21R02 5 36			1322.4	10/24/72 11/14/72 12/29/72 1/11/73 2/05/73 3/08/73 4/02/73 5/04/73 6/06/73 7/05/73 8/08/73 9/07/73	153.3 155.4 159.6 141.1 143.0 163.8 163.3 144.3 166.1 166.7 166.9 165.9	1169.1 1167.0 1162.8 1161.3 1159.4 1158.6 1159.1 1158.1 1156.3 1155.7 1155.5 1156.5	3230	01N/04W-26N02 5 36		1193.7	11/14/72 1/31/73 3/14/73 5/15/73 7/17/73 9/11/73	228.4(1) 223.5(1) 219.0(1) 224.0(1) 228.7(1) 229.8(1)	965.3 970.2 974.7 969.7 965.0 963.0	3230	
01N/04W-23K01 5			1294.4	5/17/73 7/19/73 9/13/73	198.9 199.9 198.2	1095.5 1094.5 1096.2	3230	01N/04W-27A01 5 36		1244.4	10/12/72 11/14/72 1/30/73 3/14/73 4/16/73 5/14/73 6/12/73 7/16/73 8/06/73 9/12/73	303.6(1) 283.4(1) 280.6(1) 276.1(1) 269.1(1) 278.4(1) 279.3(1) 280.9(1) 281.3(1) 281.7(1)	940.4 941.0 963.8 968.3 975.3 966.0 965.1 963.2 963.1 962.7	3230	
01N/04W-23M01 5			1294.8	11/15/72 1/31/73 3/15/73 5/15/73 7/17/73 9/12/73	293.6 289.8 284.5 280.6 277.1 263.1	1001.2 1005.0 1010.3 1014.2 1017.7 1031.7	3230	01N/04W-27R01 5 36		1223.0	6/13/73 7/17/73	NM-3 NM-3			9230
01N/04W-25A01 5 36			1295.6	10/00/72 11/00/72 12/00/72 1/00/73 3/00/73 4/00/73 5/00/73 7/00/73 8/00/73 9/00/73	229.0 224.0 226.9 229.0 227.0 227.0 229.0 228.0 227.0 225.0	1066.6 1071.6 1068.7 1066.6 1068.6 1068.6 1066.6 1067.4 1068.6 1070.6	4104	01N/04W-27M01 5 36		1189.1	10/12/72 11/14/72 1/30/73 3/15/73 4/16/73 5/15/73 6/12/73 7/17/73 8/14/73 9/12/73	247.7 252.5 238.7 238.3 240.8 218.2 234.1(1) 236.4(1) 238.6(1) 239.4(1)	941.4 936.6 950.4 950.8 948.3 970.9 955.0 952.7 950.5 949.7	7230	
01N/04W-25C02 5 36			1246.3	10/00/72 11/00/72 12/00/72 1/00/73 3/00/73	263.6 287.6 289.6(1) 291.6(1) 289.6(1)	982.7 958.7 956.7 954.7 956.7	4104	01N/04W-28J02 5 36		1185.0	10/13/72	212.7		972.3	3230



TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SURAREA								SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SURAREA							
Y-01 Y-01.E Y-01.E2								Y-01 Y-01.E Y-01.E2							
01N/04W-28J02 5 36			1185.0	11/15/72	213.8	971.2	3230	01N/04W-36K07 5 36			1120.0	10/00/72	136.5	983.5	4104
(CONTINUED)				1/30/73	211.6	973.4						11/00/72	135.5	984.5	
				3/15/73	207.6	977.4						12/00/72	138.5	981.5	
				4/16/73	211.1	973.9						1/00/73	141.5	978.5	
				5/15/73	207.8	977.2						3/00/73	140.5	979.5	
				6/13/73	208.9	976.1						4/00/73	142.5	977.5	
				7/17/73	208.3	976.7						5/00/73	143.5	976.5	
				8/14/73	207.0	978.0						7/00/73	142.5	977.5	
				9/13/73	206.3	978.7						8/00/73	142.5	977.5	
												9/00/73	140.5	979.5	
01N/04W-28P01 5 36			1174.8	11/07/72	221.2(1)	953.6	3230	02N/05W-19K02 5 36			2327.5	10/13/72	30.9	2296.6	3230
				1/30/73	205.1	969.7						11/14/72	35.8	2291.7	
				3/15/73	204.5	970.3						12/06/72	28.6	2298.4	
				4/16/73	199.6	975.2						1/12/73	19.6	2307.4	
				5/15/73	203.5	971.3						3/15/73	6.7	2320.1	
				6/12/73	224.9	949.9						4/17/73	6.0	2321.5	
				7/17/73	225.1	949.7						5/15/73	6.1	2321.4	
				8/14/73	228.5	946.3						6/12/73	8.8	2318.7	
				9/12/73	227.9	946.9						7/17/73	10.0	2317.5	
01N/04W-31F01 5 36			1269.0	12/21/72	101.7	1167.3	5719					8/13/73	10.6	2316.7	
				3/30/73	90.8	1178.2						9/12/73	12.7	2314.6	
01N/04W-32D03 5 36			1230.3	10/13/72	201.2	1029.1	3230	02N/05W-19001 5 36			2311.3	10/13/72	47.7(4)	2263.6	3230
				11/15/72	204.1	1026.2						11/14/72	39.5	2271.8	
				1/29/73	200.0	1030.3						1/30/73	11.5	2299.4	
				3/16/73	192.3	1038.0						3/15/73	2.4	2308.7	
				4/17/73	208.3	1022.0						4/17/73	2.9	2309.4	
				5/15/73	194.7	1035.6						5/15/73	2.2	2309.1	
				6/13/73	198.4	1031.9						6/12/73	3.4	2307.4	
				7/18/73	208.4(1)	1021.9						7/17/73	3.9	2307.4	
				8/15/73	212.5(1)	1017.8						8/13/73	5.0	2306.3	
				9/14/73	210.2(1)	1020.1						9/12/73	6.3	2305.0	
01N/04W-32N04 5 36			1236.3	10/13/72	201.8	1034.5	3230	02N/05W-33K01 5 36			2020.0	10/31/72	43.0	1937.0	5101
				11/15/72	199.1	1037.2						12/06/72	43.0	1937.0	
				1/29/73	197.7	1038.6						1/04/73	43.0	1937.0	
				3/16/73	197.5	1038.8						2/06/73	82.9	1937.1	
				4/17/73	197.5	1038.8						3/16/73	82.6	1937.4	
				5/15/73	198.1	1038.2						4/19/73	82.4	1937.5	
				6/13/73	199.0	1037.3						5/06/73	82.5	1937.5	
				7/18/73	213.6(1)	1022.7						6/06/73	82.5	1937.5	
				8/15/73	216.7(1)	1019.6						7/10/73	82.8	1937.2	
				9/14/73	208.7	1027.6						8/07/73	82.0	1938.0	
												9/13/73	82.5	1937.5	
01N/04W-33M01 5 36			1161.0	11/15/72	144.8	1016.2	3230	015/02W-06M01 5 37			1585.0	11/20/72	288.0	1208.1	3400
				1/30/73	144.2	1016.8									
				3/16/73	143.2	1017.8									
				5/15/73	142.1	1018.9									
				7/18/73	145.1	1015.9									
				9/13/73	146.7	1014.3									
01N/04W-34G01 5 36			1141.9	10/13/72	202.4(4)	939.5	3230	015/02W-08F02 5 36			1806.7	11/21/72	80.8	1725.9	3400
				11/13/72	180.5	961.4						2/01/73	52.7	1754.0	
				1/29/73	173.7	968.2						4/01/73	22.6	1784.1	
				3/14/73	174.7	967.2									
				4/16/73	168.7	973.2									
				5/14/73	172.3	969.6									
				6/11/73	176.2	965.7									
				7/16/73	186.1	955.8									
				8/13/73	186.7	955.2									
				9/14/73	NM-1										
01N/04W-34G03 5 36			1136.2	10/13/72	194.0	942.2	3230	015/02W-02P02 5 36			1345.3	11/20/72	180.9	1164.4	3400
				11/13/72	185.9	950.3						4/01/73	164.4	1180.3	
				1/29/73	168.1	968.1									
				3/14/73	164.0	972.2									
				4/16/73	160.8	975.4									
				5/14/73	162.5	973.7									
				6/11/73	174.6	961.6									
				7/16/73	180.0	956.2									
				8/13/73	179.9	956.3									
				9/11/73	185.3	950.9									
01N/04W-35C01 5 36			1153.2	10/12/72	197.7	955.5	3230	015/03W-04G02 5 36			1240.0	10/00/72	247.0	993.0	4104
				11/14/72	191.8	981.4						11/00/72	245.0	995.0	
				1/29/73	186.1	967.1						12/00/72	249.0	991.0	
				3/14/73	182.1	971.1						1/00/73	254.0	986.0	
				4/16/73	179.9	973.3						3/00/73	252.0	988.0	
				5/14/73	181.0	972.2						4/00/73	254.0	988.0	
				6/12/73	186.6	966.6						5/00/73	257.0	983.0	
				7/16/73	189.6	963.6						7/00/73	255.0	985.0	
				8/13/73	190.3	962.9						8/00/73	254.0	986.0	
				9/11/73	189.2	964.0						9/00/73	252.0	988.0	
01N/04W-35C02 5 36			1164.5	9/14/73	201.0	963.5	3230	015/03W-04N01 5 36			1194.0	10/00/72	148.0	1046.0	4104
01N/04W-35L06 5 36			1127.0	11/13/72	171.8	955.2	3230					11/00/72	145.0	1049.0	
				1/31/73	NM-2							12/00/72	154.0	1040.0	
				3/14/73	NM-2							1/00/73	159.0	1035.0	
				5/14/73	NM-2							3/00/73	159.0	1035.0	
												4/00/73	164.0	1030.0	
												5/00/73	165.0	1029.0	
												7/00/73	165.0	1029.0	
												8/00/73	163.0	1031.0	
												9/00/73	162.0	1032.0	
01N/04W-35M03 5 36			1122.7	10/12/72	173.7	949.0	3230	015/03W-06M03 5 36			1148.6	10/00/72	162.0(1)	986.6	4104
				11/13/72	165.3	957.4						11/00/72	160.0	988.6	
				1/29/73	161.6	961.1						12/00/72	162.0	986.6	
				3/14/73	153.2	969.5						1/00/73	168.0	980.6	

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT RUNKER HILL HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT RUNKER HILL HYDRO SUBAREA							
								Y-01 Y-01.E Y-01.E2							
015/03W-06H03	5	36	1148.6	4/00/73	168.0(1)	980.6	4104	015/03W-06H03	5	36	1390.0	11/20/72	220.0	1170.0	5206
(CONTINUFO)				5/00/73	170.0(1)	978.6		(CONTINUFO)				12/27/72	218.0	1172.0	
				7/00/73	170.0(1)	978.6						1/29/73	216.0	1174.0	
				8/00/73	169.0(1)	979.6						2/27/73	215.0	1175.0	
				9/00/73	167.0(1)	981.6						3/29/73	211.0	1179.0	
												4/29/73	214.0(1)	1176.0	
015/03W-06K01	5	36	1132.0	10/00/72	149.0	983.0	4104					5/30/73	218.0(1)	1172.0	
				11/00/72	147.0	985.0						6/28/73	221.0(1)	1169.0	
				12/00/72	150.0	982.0						7/31/73	221.0(1)	1169.0	
				1/00/73	152.0	980.0						8/31/73	219.0(1)	1171.0	
				3/00/73	149.0	983.0						9/26/73	222.0(1)	1168.0	
				4/00/73	152.0	980.0									
				5/00/73	154.0	978.0									
				7/00/73	154.0	978.0		015/03W-23A03	5	36	1475.0	11/21/72	255.4	1219.6	3400
				8/00/73	151.0	981.0						2/01/73	253.2	1221.8	
				9/00/73	149.0	983.0						8/28/73	244.5	1230.5	
015/03W-10K01	5	36	1255.0	10/00/72	177.0	1078.0	4104	015/03W-28F02	5	36	1249.0	11/21/72	135.9	1113.1	3400
				11/00/72	176.0	1079.0		015/03W-28M01	5	36	1308.0	10/24/72	177.0	1131.0	5206
				12/00/72	185.0	1070.0						11/20/72	171.0	1137.0	
				1/00/73	196.0	1059.0						12/26/72	166.0	1142.0	
				3/00/73	196.0	1059.0						1/29/73	163.0	1145.0	
				4/00/73	200.0	1055.0						2/27/73	161.0	1147.0	
				5/00/73	202.0	1053.0						3/29/73	159.0	1149.0	
				7/00/73	201.0	1054.0						4/29/73	161.0	1147.0	
				8/00/73	197.0	1058.0						5/30/73	166.0	1142.0	
				9/00/73	197.0	1058.0						6/28/73	194.0(1)	1114.0	
015/03W-15F01	5	36	1280.0	11/20/72	132.7	1147.3	3400					7/31/73	191.0(1)	1117.0	
				1/31/73	130.0	1150.0						8/30/73	203.0(1)	1105.0	
				3/31/73	119.3	1160.7						9/26/73	197.0(1)	1111.0	
				4/27/73	112.6	1167.4		015/03W-31A06	5	36	1227.0	11/21/72	280.4	1026.6	3400
015/03W-15M03	5	36	1334.6	11/21/72	191.0	1143.6	3400	015/03W-32K01	5	36	1206.2	11/21/72	194.7	1011.5	3400
				3/26/73	180.3	1154.3		015/04W-01P04	5	36	1096.8	10/00/72	112.0	984.8	4104
				4/28/73	175.4	1159.2						11/00/72	111.0	985.8	
015/03W-16F01	5	36	1257.0	11/21/72	190.9	1066.1	3400					12/00/72	113.0	983.8	
				4/28/73	176.5	1080.5						1/00/73	118.0	978.8	
015/03W-16J01	5	36	1302.9	11/21/72	174.5	1128.4	3400					3/00/73	117.0	979.8	
015/03W-17C03	5	36	1175.9	10/02/72	175.4	1000.5	3847					4/00/73	119.0	977.8	
				11/06/72	175.1	1000.8						5/00/73	120.0	976.8	
				12/04/72	173.5	1002.4						7/00/73	122.0	974.8	
				1/01/73	171.1	1004.8						8/00/73	120.0	976.8	
				2/05/73	169.0	1006.9						9/00/73	118.0	978.8	
				3/05/73	167.4	1008.5		015/04W-01F01	5	36	1061.0	10/31/72	131.6(1)	924.4	5726
				4/02/73	161.6	1014.3						11/21/72	94.0	967.0	
				5/07/73	159.5	1016.4						12/27/72	91.4	969.0	
				6/04/73	162.7	1013.2						1/30/73	78.5	982.5	
				7/02/73	165.0	1010.9						2/29/73	78.9	982.1	
				8/06/73	166.9	1009.0						4/01/73	72.1	988.9	
				9/03/73	168.8	1007.1						5/23/73	78.4	982.6	
												7/01/73	70.4	980.6	
												9/02/73	104.5	956.5	
015/03W-17L01	5	36	1188.8	11/21/72	182.8	1006.0	3400	015/04W-01F02	5	36	1070.0	10/00/72	146.0(1)	924.0	4104
015/03W-20F01	5	36	1192.0	11/21/72	176.9	1015.1	3400					11/00/72	144.0(1)	926.0	
				4/28/73	175.1	1016.9						12/00/72	147.0(1)	923.0	
015/03W-20P01	5	36	1195.0	11/21/72	186.7	1008.3	3400					1/00/73	149.0(1)	921.0	
				4/28/73	187.2	1007.8						3/00/73	148.0(1)	922.0	
015/03W-21F02	5	36	1240.0	11/21/72	135.9	1104.1	3400					4/00/73	150.0(1)	920.0	
015/03W-21M01	5	36	1318.1	10/24/72	190.0	1128.1	5206					5/00/73	151.0(1)	919.0	
				11/20/72	188.0	1130.1						7/00/73	144.0	926.0	
				12/26/72	186.0	1132.1						8/00/73	146.0	924.0	
				1/29/73	183.0	1135.1		015/04W-01K04	5	36	1092.0	10/00/72	92.8	994.2	4104
				2/28/73	179.0	1139.1						11/00/72	91.4	1000.2	
				5/20/73	173.0	1145.1						12/00/72	91.8	998.2	
				6/28/73	183.0	1135.1						1/00/73	97.8	994.2	
				7/31/73	190.0	1128.1						3/00/73	96.8	995.2	
				8/31/73	188.0	1130.1						4/00/73	98.8	993.2	
				9/29/73	187.0	1131.1						5/00/73	99.8	992.2	
												7/00/73	99.8	992.2	
												8/00/73	97.8	994.2	
												9/00/73	95.8	996.2	
015/03W-21H06	5	36	1320.0	10/24/72	189.0	1131.0	5206	015/04W-02A03	5	36	1072.0	10/31/72	125.0	947.0	5726
				11/20/72	186.0	1134.0						11/21/72	127.0(1)	945.0	
				12/27/72	186.0	1134.0						12/27/72	123.0(1)	949.0	
				1/27/73	182.0	1138.0						2/29/73	124.6(1)	947.4	
				2/26/73	180.0	1140.0						5/28/73	125.5(1)	944.5	
				3/29/73	176.0	1144.0						7/01/73	126.1(1)	945.4	
				4/28/73	172.0	1148.0						9/02/73	127.2(1)	944.8	
				5/30/73	184.0	1136.0									
				6/29/73	186.0	1134.0									
				7/31/73	186.0	1134.0									
				8/31/73	187.0	1133.0		015/04W-02A05	5	36	1087.0	10/00/72	127.0	960.0	4104
				9/26/73	187.0	1133.0						11/00/72	126.0	961.0	
												12/00/72	131.0	956.0	
												1/00/73	136.0	951.0	
												3/00/73	136.0	951.0	
												4/00/73	138.0	949.0	
												5/00/73	139.0	948.0	
												7/00/73	138.0	949.0	
												8/00/73	135.0	952.0	
												9/00/73	133.0	954.0	

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNII RUNKER HILL HYDRO SUBAREA							Y-01 Y-01.F Y-01.E2	SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNII RUNKER HILL HYDRO SUBAREA							Y-01 Y-01.F Y-01.F2
015/04W-02K01	S	36	1056.3	6/11/73	113.1	943.2	3230	015/04W-0200R	S	36	1055.0	12/00/72	117.5	937.5	4104
015/04W-02K03	S	36	1053.2	10/12/72	112.9	940.3	3230	(CONTINUED)				1/00/73	122.5	932.5	
				11/13/72	109.7	943.5						3/00/73	119.5	935.5	
				1/29/73	90.0	963.2						4/00/73	124.5	930.5	
				3/14/73	85.4	967.8						5/00/73	127.5	927.5	
				4/16/73	89.9	963.3						7/00/73	126.5	928.5	
				5/14/73	92.9	960.3						8/00/73	125.5	929.5	
				6/11/73	102.4	950.8						9/00/73	122.5	932.5	
015/04W-02K08	S	36	1052.9	10/12/72	105.1	947.8	3230	015/04W-03001	S	36	1096.4	3/15/73	107.9	988.5	3230
				11/13/72	95.9	957.0						5/15/73	107.1	989.1	
				1/29/73	90.8	962.1						7/18/73	108.9	987.5	
				3/14/73	84.6	968.3						9/14/73	109.1	987.3	
				4/16/73	86.7	966.2									
				5/14/73	94.2	958.7									
				6/11/73	103.8	949.1									
015/04W-02L07	S	36	1048.0	10/31/72	103.7	944.3	5725	015/04W-03001	S	36	1041.8	10/25/72	74.4	967.4	3230
				11/31/72	95.7	952.3						11/13/72	74.0	967.8	
				12/27/72	93.1	954.9						12/27/72	71.4	970.0	
				1/30/73	91.3	956.7						1/11/73	71.8	970.0	
				2/29/73	91.7	956.3						2/05/73	70.8	971.0	
				4/01/73	87.6	960.4						3/08/73	69.3	972.5	
				5/28/73	98.4	949.6						4/02/73	68.3	973.5	
				7/01/73	94.8	949.2						5/04/73	68.2	973.5	
				9/02/73	124.9(1)	923.1						6/06/73	69.0	972.4	
015/04W-02M01	S	36	1048.6	10/25/72	81.3	967.3	3230	015/04W-05C03	S	36	1176.0	11/15/72	152.8	1023.2	3230
				11/13/72	60.5	988.1						1/30/73	151.3	1024.7	
				12/27/72	80.9	967.7						3/16/73	146.3	1029.7	
				1/31/73	81.0	967.6						5/14/73	152.4	1023.2	
				2/05/73	79.4	969.2						7/18/73	155.1	1020.4	
				3/14/73	82.0	966.6						9/13/73	157.7	1018.3	
				4/02/73	78.7	969.9									
				5/14/73	78.2	970.4									
				6/29/73	77.1	971.5									
				7/14/73	77.7	970.9									
				8/28/73	77.2	971.4									
				9/11/73	77.4	971.2									
015/04W-02N01	S	36	1037.0	10/00/72	41.0	996.0	4104	015/04W-05F05	S	36	1170.0	10/00/72	131.0	1039.0	3230
				11/00/72	39.0	998.0						11/00/72	128.0	1042.0	
				12/00/72	42.0	995.0						12/00/72	128.0	1042.0	
				1/00/73	46.0	991.0						1/00/73	126.0	1044.0	
				3/00/73	45.0	992.0						2/00/73	126.0	1044.0	
				4/00/73	47.0	990.0						3/00/73	124.0	1046.0	
				5/00/73	55.0	982.0						4/00/73	127.0	1043.0	
				7/00/73	50.0	987.0						5/00/73	126.0	1044.0	
				8/00/73	47.0	990.0						6/00/73	127.0	1043.0	
				9/00/73	45.0	992.0						7/00/73	159.0(1)	1011.0	
015/04W-02P05	S	36	1045.4	10/31/72	121.2(1)	924.2	5725	015/04W-06H01	S	36	1160.0	11/00/72	123.0	1037.0	4104
				12/27/72	110.0(1)	935.4						12/00/72	123.0	1037.0	
				2/27/73	112.7(1)	932.7						1/00/73	127.0	1034.0	
				4/01/73	106.5(1)	938.9						2/00/73	127.0	1034.0	
				5/28/73	115.2(1)	930.2						3/00/73	125.0	1035.0	
				7/01/73	120.4(1)	925.0						4/00/73	127.0	1033.0	
				9/02/73	124.5(1)	920.9						5/00/73	127.0	1033.0	
015/04W-02P06	S	36	1047.0	10/31/72	100.2	946.8	5725	015/04W-06H01	S	36	1093.0	11/13/72	103.4	990.1	3230
				11/30/72	98.5	948.5						1/30/73	101.0	992.9	
				12/27/72	91.0	956.0						3/16/73	100.1	993.8	
				1/30/73	90.1	956.9						5/14/73	90.8	994.1	
				2/27/73	92.9	954.1						7/19/73	101.0	992.4	
				4/01/73	79.9	967.1						9/13/73	102.0	991.4	
				5/28/73	96.0	951.0									
				7/01/73	94.8	952.2									
				9/02/73	124.0(1)	923.0									
015/04W-02003	S	36	1052.0	10/31/72	104.6	947.4	5725	015/04W-08C01	S	36	1104.1	10/21/72	114.5	989.6	4201
				11/31/72	96.6	955.4						11/01/72	107.5	996.6	
				1/30/73	102.6(1)	949.4						2/01/73	102.5	1001.6	
				4/01/73	97.7(1)	954.3						3/01/73	117.4	986.6	
				5/28/73	97.3	954.7						4/27/73	101.5	1000.6	
				7/01/73	122.2(1)	929.8						5/30/73	122.5	981.6	
				9/02/73	125.4(1)	926.6						6/29/73	129.5	974.6	
015/04W-02004	S	36	1057.5	10/00/72	103.0	954.5	4104	015/04W-08C01	S	36	1104.1	10/21/72	114.5	989.6	4201
				3/00/73	89.0	968.5						11/01/72	107.5	996.6	
				4/00/73	94.0	963.5						2/01/73	102.5	1001.6	
				5/00/73	96.0	961.5						3/01/73	117.4	986.6	
				7/00/73	96.0	961.5						4/27/73	101.5	1000.6	
				8/00/73	96.0	962.5						5/30/73	122.5	981.6	
				9/00/73	92.0	965.5						6/29/73	129.5	974.6	
015/04W-02005	S	36	1055.5	11/00/72	85.5	970.0	4104	015/04W-08F02	S	36	1104.4	11/13/72	115.2	989.2	3230
				12/00/72	90.0	965.5						7/18/73	132.5	971.4	
				1/00/73	95.0	960.5						9/13/73	120.9	983.5	
				3/00/73	91.0	964.5									
				4/00/73	94.0	961.5									
				5/00/73	96.0	959.5									
				7/00/73	96.0	959.5									
				8/00/73	95.0	960.5									
				9/00/73	92.0	963.5									
015/04W-02006	S	36	1057.0	11/30/72	99.7	957.3	5725	015/04W-08F07	S	36	1095.1	10/21/72	134.0	961.1	4201
				12/27/72	92.1	964.9						11/01/72	117.6	977.4	
				4/01/73	91.1	965.9						2/01/73	102.0	993.1	
				7/01/73	123.5(1)	933.5						3/01/73	102.0	993.1	
				9/02/73	126.7(1)	930.3						4/27/73	137.0	958.1	
015/04W-02008	S	36	1055.0	11/00/72	114.5	940.5	4104	015/04W-08F07	S	36	1095.1	10/21/72			



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GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUPUNIT BUNKER HILL HYDRO SUBAREA							Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUPUNIT BUNKER HILL HYDRO SUBAREA							Y-01 Y-01.E Y-01.F2
015/04W-08F10 S (CONTINUED)	36		1096.8 1096.2 1096.8	12/01/72 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/02/73 8/01/73 9/04/73	118.6 105.0 104.6 102.6 119.6 129.6 139.6 144.6 135.0	978.2 991.2 992.2 994.2 977.2 967.2 957.2 952.2 961.2	3230 4201 3230	015/04W-09P01 S (CONTINUED)	36		1052.4	7/16/73 8/13/73 9/11/73	78.4 78.7 77.6	974.0 973.7 974.8	3230
015/04W-08001 S	36		1075.8	10/21/72 11/01/72 2/01/73 3/01/73 4/27/73 5/30/73 6/29/73 8/01/73 9/04/73	122.0 129.0 95.0 93.0 103.0 115.0 121.0 124.0 122.0	953.8 946.8 980.8 982.8 972.8 960.8 954.8 951.8 953.8	4201	015/04W-10N06 S	36		1001.4	10/12/72 11/13/72 12/27/72 1/29/73 2/05/73 3/14/73 4/02/73 5/14/73 6/13/73 7/16/73 8/13/73 9/11/73	43.6 47.8 39.7 37.5 37.4 35.3 33.2 35.3 121.9(1) 122.9(1) 128.1(1) 37.5	957.4 953.6 961.7 963.9 964.0 966.1 968.2 966.1 874.5 878.5 873.3 863.4	3230
015/04W-08003 S	36		1074.4	11/13/72 1/31/73 3/16/73 5/16/73 7/19/73 9/13/73	122.0 89.5 86.5 103.0 115.1 115.6	952.4 984.9 987.9 971.4 959.3 958.8	3230	015/04W-11002 S	36		1034.5	10/31/72 11/30/72 12/27/72 2/26/73 4/01/73 5/28/73 7/01/73 9/01/73	81.4 71.5 74.1 83.1 77.1 89.4 106.6 152.4(1)	953.1 963.0 960.4 951.4 957.4 945.1 927.4 882.1	5202
015/04W-08P01 S	36		1075.7	10/21/72 11/01/72 2/01/73 3/01/73 4/27/73 5/30/73 6/29/73 8/01/73 9/04/73	122.4 129.4 96.4 93.4 104.4 115.4 122.4 125.4 123.4	953.3 946.3 979.3 982.3 971.3 960.3 953.3 950.3 952.3	4201	015/04W-11003 S	36		1033.3	10/30/72 11/21/72 12/27/72 2/26/73 4/01/73 5/28/73 7/01/73 9/01/73	81.3 71.7 73.2 117.1(1) 108.4(1) 105.9(1) 140.2(1) 152.1(1)	952.4 961.4 960.1 920.2 924.4 927.4 893.1 881.2	5202
015/04W-08P04 S	36		1075.3	10/21/72 11/01/72 2/01/73 3/01/73 4/27/73 5/30/73 6/29/73 8/01/73 9/04/73	116.6 124.6 89.6 87.6 98.6 110.6 116.6 119.6 117.6	958.7 950.7 985.7 987.7 976.7 964.7 958.7 955.7 957.7	4201	015/04W-11H01 S	36		1051.8	11/13/72 1/31/73 3/14/73 5/14/73 7/16/73 9/11/73	80.6 71.8 67.5 78.6 90.6 93.7	971.2 980.0 984.3 973.2 961.2 958.1	3230
015/04W-08P05 S	36		1076.0	10/21/72 11/01/72 2/01/73 3/01/73 4/27/73 5/30/73 6/29/73 8/01/73 9/04/73	118.5 125.5 91.5 89.5 99.5 110.5 117.5 120.5 118.5	957.5 950.5 984.5 986.5 976.5 965.5 958.5 955.5 957.5	4201	015/04W-12R05 S	36		1089.3	11/00/72 12/00/72 1/00/73 3/00/73 4/00/73 5/00/73 7/00/73 8/00/73 9/00/73	107.0 103.0 112.0 110.0 112.0 115.0 115.0 113.0 112.0	962.3 966.7 977.1 979.1 977.1 976.1 976.1 976.1 977.1	4104
015/04W-09R03 S	36		1071.6	11/13/72 3/16/73 5/16/73 7/19/73 9/14/73	97.7(1) 87.6 93.3(1) 95.8(1) 89.3	973.9 984.0 978.3 975.8 982.3	3230	015/04W-13F02 S	36		1054.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/08/73 6/05/73 7/03/73 8/07/73 9/04/73	125.7 121.4 114.2 108.0 104.5 100.3 96.6 101.4 120.1(1) 108.8 111.0 114.9	928.1 932.4 939.4 946.0 949.5 953.7 952.2 952.2 933.4 945.2 943.7 939.1	3847
015/04W-09F02 S	36		1075.0	10/21/72 11/01/72 2/01/73 3/01/73 4/27/73 5/30/73 6/29/73 8/01/73 9/04/73	117.0 125.0 91.0 89.0 99.0 111.0 117.0 120.0 115.0	958.0 950.0 984.0 986.0 976.0 964.0 958.0 955.0 960.0	4201	015/04W-13G02 S	36		1065.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	152.7(1) 149.0(1) 121.3 117.1 111.7 108.1 104.9 126.4(1) 131.4(1) 132.5(1) 135.6(1) 136.7(1)	912.3 916.0 943.7 947.9 953.3 958.4 960.1 938.4 933.4 932.5 929.4 928.3	3847
015/04W-09J01 S	36		1029.5	10/12/72 11/13/72 12/27/72 1/11/73 2/05/73 3/08/73 4/16/73 5/04/73 6/06/73 7/05/73 8/08/73 9/07/73	59.9 63.6 56.4 56.3 54.9 53.3 52.5 52.6 54.4 56.2 56.9 56.7	969.6 965.9 973.1 973.2 974.6 976.2 977.0 976.9 975.1 973.3 972.6 972.8	3230	015/04W-13G03 S	36		1065.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	187.5(1) 170.5(1) 90.5 93.2 86.2 82.1 79.3 170.6(1) 172.7(1) 177.8(1) 179.7(1) 183.6(1)	877.5 894.5 974.5 971.8 978.4 982.0 985.7 894.4 892.3 887.2 885.3 881.4	3847
015/04W-09N06 S	36		1060.2	11/13/72 1/30/73 3/15/73 5/15/73 7/18/73 9/13/73	95.7 82.3 77.8 82.8 87.5 90.6	964.5 977.9 982.4 977.4 972.7 969.6	3230	015/04W-13L02 S	36		1050.0	10/10/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73	121.6 116.3 108.1 102.6 98.5 94.4 90.6 97.2 103.3 104.5 106.6	928.4 933.7 941.9 947.4 951.5 955.6 959.4 952.8 946.7 945.5 943.4	3847
015/04W-09P01 S	36		1052.4	10/12/72 11/13/72 12/27/72 1/29/73 2/05/73 3/14/73 4/02/73 5/14/73 6/11/73	81.5 79.7 77.1 75.5 75.1 74.0 72.6 73.7 75.5	970.9 972.7 975.3 976.9 977.3 978.4 979.8 978.7 976.9	3230								

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT BUNKER HILL HYDRO SUBAREA							
								Y-01 Y-01.E Y-01.E2							
015/04W-13L02	5	36	1050.0	9/04/73	143.2(1)	906.8	3847	015/04W-22R07	5	36	995.0	5/28/73 7/01/73 9/02/73	63.9 97.8(1) 100.7(1)	931.1 897.2 894.3	5725
015/04W-13M02	5	36	1054.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	155.5(1) 109.8 95.5 91.2 89.6 83.6 40.8 134.9(1) 165.4(1) 152.1(1) 137.2(1) 160.1(1)	898.5 944.2 958.5 962.8 964.4 970.4 973.2 919.1 908.6 901.9 916.8 893.9	3847	(CONTINUED)							
015/04W-22C02	5	36						015/04W-22G14	5	36	994.0	10/30/72 11/20/72 12/26/72 1/29/73 2/26/73 4/01/73 7/01/73 9/01/73	988.5 11/13/72 1/30/73 3/16/73 5/16/73 78.2 77.0 73.6 63.6 63.4 59.3 54.4 70.3	873.5 908.5 916.5 929.8 915.8 917.0 920.4 930.4 930.4 934.7 924.6 923.7	3230
115/04W-13M01	5	36	1039.0	10/03/72 11/07/72 12/05/72 1/02/73 2/06/73 3/06/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	132.2(1) 129.1(1) 104.1 97.7 94.2 90.5 84.2 109.6(1) 113.7(1) 117.0(1) 117.4(1) 123.4(1)	906.8 909.9 934.9 941.3 944.8 948.5 954.8 929.4 925.3 922.0 921.6 915.6	3847	015/04W-22G16	5	36	994.0	10/30/72 11/20/72 12/26/72 1/29/73 2/26/73 4/01/73 7/01/73 9/01/73	79.5 77.1 73.9 62.3 62.3 51.2 46.9 26.9	914.5 918.3 920.1 931.7 931.7 942.4 939.1 932.0 927.1	5725
015/04W-13N02	5	36	1040.0	11/07/72 12/05/72 1/02/73 2/06/73 3/13/73 4/03/73 5/01/73 6/05/73 7/03/73 8/07/73 9/04/73	112.0 102.9 97.6 92.4 88.5 85.7 92.3 96.5 98.1 102.4 105.0	928.0 937.1 942.4 947.6 951.5 954.3 947.7 943.5 941.9 937.6 935.0	3847	015/04W-22G17	5	36	994.0	10/30/72 11/20/72 12/26/72 1/29/73 2/26/73 4/01/73 7/01/73 9/01/73	78.1 76.2 72.7 61.5 61.9 51.8 48.0 48.2	915.4 917.4 921.1 932.5 932.1 942.4 934.0 925.2	5725
015/04W-14P06	5	36	1027.1	10/30/72 11/30/72 12/26/72 1/29/73 2/26/73 4/01/73 5/28/73 7/01/73 9/01/73	90.0 88.4 73.6 75.5 74.9 65.2 99.2 130.9(1) 130.8(1)	937.1 938.7 953.5 951.6 952.2 961.9 927.9 896.2 896.3	5208	015/04W-22G18	5	36	995.0	10/30/72 11/20/72 12/26/72 1/29/73 2/26/73 4/01/73 7/01/73 9/01/73	77.3 76.3 73.4 62.6 62.6 50.4 53.7 61.3 66.1	917.7 918.7 921.4 932.4 932.1 944.5 941.3 933.7 924.4	5725
015/04W-15F05	5	36	991.1	11/13/72 1/31/73 3/16/73 5/16/73 7/19/73 9/13/73	56.1 31.2 22.4 17.7 59.5 64.2	935.0 959.9 968.7 953.4 931.6 926.9	3230	015/04W-22G19	5	36	995.0	10/30/72 11/20/72 12/26/72 1/29/73 2/26/73 4/01/73 7/01/73 9/01/73	77.6 75.3 72.0 63.6 63.9 49.8 56.5 61.4 66.4	917.4 914.7 923.0 931.4 931.1 945.2 934.4 933.4 926.5	5725
015/04W-15M02	5		984.6	7/19/73	NM-1		3230	015/04W-22H01	5	36	1004.3	10/02/72 11/21/72 12/27/72 1/29/73 2/26/73 4/01/73 5/28/73 7/01/73 9/01/73	85.0 71.4 71.6 66.3 67.6 55.5 66.9 116.3 96.5	919.4 932.9 932.7 939.0 938.7 948.8 937.4 888.0 907.4	5204
015/04W-21A01	5	36	970.2	10/25/72 11/27/72 12/27/72 1/30/73 2/05/73 3/16/73 4/26/73 5/30/73 7/03/73 8/29/73	141.3 120.8 122.2 92.2 92.4 75.5 68.6 59.1 63.4 103.7	828.9 849.4 848.0 878.0 877.8 894.7 901.6 911.1 906.8 866.5	3230	015/04W-22H02	5	36	1005.2	10/02/72 11/21/72 1/27/73 2/26/73 4/01/73	70.8 34.7 38.9 37.0 24.2	934.4 970.5 965.3 968.2 981.0	5204
015/04W-22A03	5	36	999.0	10/16/72 11/14/72 12/04/72 1/02/73 2/05/73 3/05/73 4/01/73 5/08/73 6/11/73 7/01/73 8/06/73 9/01/73	79.3 77.3 76.0 70.8 71.4 68.0 54.8 53.7 60.8 61.3 66.8 68.3	919.7 921.7 923.0 928.2 927.6 931.0 944.2 945.3 938.2 937.7 932.2 930.7	5725	015/04W-22H03	5	36	997.0	10/02/72 11/21/72 12/27/72 1/27/73 2/26/73 4/01/73 5/28/73 7/01/73 9/01/73	89.6 76.1 68.6 64.6 54.2 48.4 71.4 114.9(1) 110.3(1)	907.4 920.4 928.4 932.4 932.4 948.6 925.0 882.1 886.7	5204
015/04W-22A05	5	36	996.0	10/16/72 11/06/72 12/04/72 1/02/73 2/05/73 3/05/73 4/01/73 5/08/73 6/11/73 7/01/73 8/06/73 9/01/73	78.0 77.5 74.7 68.0 69.0 67.6 50.3 53.2 59.5 60.0 66.4 68.0	918.0 918.5 921.3 928.0 927.0 928.4 945.7 942.8 936.5 936.0 929.6 928.0	5725	015/04W-22H04	5	36	998.6	10/02/72 1/29/73 2/26/73 4/01/73 5/28/73 7/01/73 9/01/73	89.7 94.2(1) 94.6(1) 36.9 117.6(1) 129.4(1) 130.0(1)	908.9 904.4 904.0 961.7 881.0 869.2 866.5	5204
015/04W-22R07	5	36	995.0	10/02/72 11/31/72 12/27/72 1/29/73 2/26/73 4/01/73	79.8 76.3 66.0 62.0 62.7 51.0	915.2 918.7 929.0 933.0 932.3 944.0	5725	015/04W-22L05	5	36	983.0	10/06/72 11/03/72 1/05/73 2/02/73 3/30/73 4/30/73 6/08/73 7/06/73 8/03/73	94.1(1) 96.0(1) 60.9 49.7 36.4 64.2(1) 72.0(1) 79.1(1) 85.9(1)	888.7 887.0 922.1 933.3 946.2 918.8 911.0 903.9 897.1	5783
015/04W-22L09	5	36						015/04W-22L09	5	36	986.0	10/06/72	89.4	896.6	5783

See page 79 for key to terms & abbreviations







TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SUBUNIT SYCAMORE HYDRO SUBAREA							Y-01 Y-01.E Y-01.E9	SANTA ANA RIVER HYDRO UNIT UPPER SANTA ANA R HYDRO SURUNIT SYCAMORE HYDRO SUBAREA							Y-01 Y-01.F Y-01.F9
01N/05W-15002 5 36 (CONTINUED)			1590.8	1/02/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	253.5 255.7 257.2 254.0 252.5 253.8 258.0 262.5 266.5	1337.3 1335.1 1333.6 1336.8 1338.3 1337.0 1332.8 1328.3 1324.3	4706	01N/05W-36901 5 36 (CONTINUED)			1247.4	11/15/72 1/29/73 3/16/73 4/17/73 5/16/73 6/13/73 7/18/73 8/14/73 9/13/73	88.9 81.8 101.6(1) 110.8(1) 119.2(1) 121.8(1) 122.1(1) 95.5 102.7	1154.5 1165.6 1145.4 1136.6 1128.2 1125.6 1125.3 1151.9 1144.7	3230
01N/05W-22A01 5 36			1549.8	10/01/72 11/01/72 12/01/72 1/02/73 2/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	214.5(1) 219.1(1) 212.2 221.4 235.3(1) 228.4(1) 228.4 226.0(1) 223.7(1) 228.4(1) 230.7(1)	1335.3 1330.7 1337.6 1328.4 1314.5 1321.4 1321.4 1323.8 1326.1 1321.4 1319.1	4706	SAN TIMOTEO HYDRO SURUNIT SAN TIMOTEO HYDRO SUBAREA							Y-01.F Y-01.F2
01N/05W-23A01 5 36			1514.0	10/13/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	80.0 80.0 85.0 80.0 80.0 80.0 135.0(1) 150.0(1) 100.0 100.0 150.0(1) 100.0	1434.0 1434.0 1429.0 1434.0 1434.0 1434.0 1379.0 1364.0 1414.0 1414.0 1364.0 1414.0	4793	02S/01W-34J01 5 33			2718.7	7/06/73	493.3	2225.4	5702
01N/05W-23A02 5 36			1507.0	10/13/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	140.0(1) 135.0(1) 140.0(1) 85.0 80.0 80.0 80.0 150.0(1) 100.0 100.0 145.0(1) 145.0(1)	1367.0 1372.0 1367.0 1422.0 1427.0 1427.0 1422.0 1364.0 1414.0 1372.0 1362.0 1362.0	4793	02S/01W-34M01 5 33			2656.8	10/26/72 4/19/73	394.3 394.6	2262.5 2262.2	5103
01N/05W-23M01 5 36			1496.2	10/13/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	90.2 85.2 85.2 80.2 80.2 80.2 80.2 115.2(1) 80.2 80.2 100.2 100.2	1406.0 1411.0 1411.0 1416.0 1416.0 1416.0 1416.0 1381.0 1416.0 1396.0 1396.0 1396.0	4793	02S/02W-20K01 5 33			1877.7	4/20/73	24.0(1)	1853.7	5103
01N/05W-24E01 5			1472.0	10/13/72 11/03/72 12/01/72 1/05/73 2/02/73 3/02/73 4/06/73 5/04/73 6/01/73 7/06/73 8/03/73 9/07/73	195.0(1) 175.0(1) 190.0(1) 190.0(1) 185.0(1) 180.0(1) 140.0 115.0 175.0(1) 185.0(1) 195.0(1) 190.0(1)	1277.0 1297.0 1282.0 1282.0 1287.0 1292.0 1332.0 1357.0 1297.0 1287.0 1277.0 1282.0	4793	02S/02W-25P01 5 33			2299.1	10/26/72 4/19/73	83.0 81.7	2216.1 2217.4	5103
01N/05W-25F01 5			1383.4	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73 9/00/73	103.0(1) 95.0 95.0 96.0 94.0 92.0 83.0 84.0 101.0(1) 107.0(1) 102.0 116.0(1)	1280.4 1288.4 1288.4 1287.4 1289.4 1291.4 1300.4 1299.4 1282.4 1276.4 1281.4 1267.4	4124	02S/02W-25O05 5 33			2236.5	10/26/72 4/19/73	NM-7 NM-7	5104	
01N/05W-26A03 5 36			1398.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73 9/00/73	113.0(1) 121.0 121.0 129.0(1) 112.0 110.0 101.0 91.0 93.0 99.0(1) 100.0 101.0	1285.0 1277.0 1277.0 1269.0 1286.0 1288.0 1297.0 1307.0 1305.0 1299.0 1298.0 1297.0	4124	02S/02W-35O01 5 33			2236.5	10/26/72 4/19/73	NM-7 NM-7	5103	
01N/05W-36J03 5 36			1261.5	5/00/73	92.1	1169.4	4124	03S/01W-04K01 5 33			2580.0	12/14/72 2/23/73	331.2 329.6	2248.8 2250.4	5702
01N/05W-36901 5 36			1247.4	10/13/72	92.5	1154.9	3230	03S/01W-04O02 5 33			2571.3	12/14/72 2/23/73 4/27/73 7/06/73	NM-1 NM-1 NM-1 NM-1	5702	

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA								
SANTA ANA RIVER HYDRO UNIT SAN TIMOTEO HYDRO SUBUNIT GATEWAY HYDRO SUBAREA								SANTA ANA RIVER HYDRO UNIT SAN TIMOTEO HYDRO SUBUNIT NORTH CREEK HYDRO SUBAREA															
								Y-01 Y-01.F Y-01.F5								Y-01 Y-01.F Y-01.F4							
01S/02W-25M02 S 36			2610.0	10/30/72	290.0	2320.0	5419	02S/01W-01F01 S 36			4355.0	10/12/72	31.4(1)	4323.6	5407								
				12/05/72	231.5	2378.5						11/12/72	33.6(1)	4321.4									
				3/01/73	222.0	2388.0						12/12/72	33.0(1)	4322.0									
				4/18/73	221.6	2388.4						1/15/73	30.0(1)	4325.1									
				5/24/73	220.4	2389.6						2/15/73	17.0(1)	4338.0									
				7/02/73	359.2(1)	2250.8						3/15/73	19.2(1)	4335.4									
				9/04/73	239.7	2370.3						4/15/73	19.4(1)	4335.6									
												5/09/73	20.7(1)	4334.3									
												6/14/73	30.4(1)	4324.6									
												7/17/73	15.7(1)	4334.3									
												8/06/73	19.4(1)	4335.5									
												9/14/73	27.6(1)	4327.4									
01S/02W-30R03 S 36			1709.4	11/24/72	137.3	1572.1	3400																
				4/28/73	119.0	1590.4																	
OAK GLEN HYDRO SUBAREA								Y-01.F6															
01S/02W-36C04 S 36			2635.0	11/09/72	281.0	2354.0	5101	02S/01W-02G01 S 36			4400.0	10/12/72	40.1	4359.9	5407								
				12/05/72	277.3	2357.7						11/12/72	40.2	4354.4									
				2/01/73	277.1	2357.9						12/12/72	38.7	4361.3									
				5/04/73	269.2	2365.8						1/15/73	26.0	4374.0									
				6/08/73	271.0(3)	2364.0						2/15/73	12.2	4387.7									
				7/11/73	298.0(2)	2337.0						3/15/73	21.0	4379.0									
				8/01/73	294.0(2)	2341.0						4/15/73	106.4(1)	4243.6									
				9/07/73	304.4(3)	2330.6						5/09/73	103.5(1)	4296.5									
01S/02W-36F01 S 36			2605.0	10/30/72	236.7	2368.3	5419					6/14/73	104.0(1)	4296.0									
				12/05/72	263.5	2341.5						7/17/73	107.0(1)	4293.0									
				3/01/73	240.6	2364.4						8/06/73	21.0	4374.0									
				4/18/73	236.8	2368.2						9/14/73	108.2(1)	4291.8									
				5/24/73	253.7	2351.3																	
				7/02/73	287.4	2317.6																	
01S/02W-36N01 S 36			2560.2	10/30/72	265.5(1)	2274.7	5419	02S/01W-02H01 S 36			4350.0	10/12/72	16.2	4333.8	5407								
				12/05/72	278.0	2332.2						11/10/72	19.6	4330.4									
				3/01/73	221.7	2338.5						12/12/72	18.4	4331.6									
				4/18/73	267.5(1)	2292.7						1/15/73	19.6	4330.4									
				5/24/73	268.7(1)	2291.5						2/15/73	12.6	4337.4									
				7/02/73	288.5(1)	2271.7						3/15/73	15.0	4335.0									
				9/04/73	226.5	2333.7						4/15/73	16.4	4333.6									
01S/02W-36R01 S 36			2710.0	10/30/72	338.8	2371.2	5419					5/09/73	27.6	4322.4									
				12/05/72	337.3	2372.7						6/14/73	19.5	4330.5									
				3/01/73	334.5	2375.5						7/17/73	13.2	4336.7									
				4/18/73	333.9	2376.1						8/06/73	15.1	4334.4									
				5/24/73	334.3	2375.7						9/14/73	15.3	4334.7									
				7/02/73	235.5	2474.5																	
				9/04/73	335.0	2375.0																	
02S/02W-01F01 S 36			2560.0	10/30/72	233.3	2326.7	5419	02S/01W-02H03 S 36			4350.0	10/12/72	96.4(1)	4253.6	5407								
				12/05/72	230.4	2329.6						11/12/72	98.0(1)	4252.0									
				3/01/73	229.0	2331.0						12/12/72	46.2	4303.4									
				4/18/73	228.5	2331.5						1/15/73	14.6	4335.4									
				5/24/73	228.7	2331.3						2/15/73	14.7	4335.3									
				7/02/73	229.3	2330.7						4/15/73	13.6	4336.4									
				9/04/73	228.8	2331.2						5/09/73	12.7	4337.5									
												6/14/73	86.6(1)	4265.4									
												7/17/73	92.0(1)	4254.0									
												8/06/73	14.2	4335.4									
												9/14/73	31.0	4314.0									
SOUTH MESA HYDRO SUBAREA								Y-01.F7															
01S/01W-32R01 S 36			3328.0	10/30/72	26.5(1)	3301.5	5419	02S/01W-02J01 S 36			4234.5	10/12/72	47.7	4186.4	5407								
				12/05/72	32.4	3295.6						11/12/72	48.6	4185.4									
				3/01/73	22.0	3306.0						12/12/72	48.2	4184.3									
				4/18/73	19.1	3308.9						1/15/73	41.6	4192.4									
				5/24/73	29.9(1)	3298.1						2/15/73	35.7	4198.8									
				7/02/73	24.1	3303.9						3/15/73	32.0	4202.5									
				9/04/73	24.9	3303.1						4/15/73	23.4	4211.1									
01S/01W-32C01 S 36			3338.0	10/30/72	62.2(1)	3275.8	5419					5/09/73	19.3	4215.2									
				12/05/72	37.5	3300.5						6/14/73	20.4	4214.1									
				3/01/73	48.7	3289.3						7/17/73	37.0	4197.5									
				5/24/73	54.4	3283.6						8/06/73	106.0(1)	4128.5									
				7/02/73	NM-1							9/14/73	107.4(1)	4127.1									
02S/01W-08C01 S			2884.6	12/05/72	NM-1		5101	02S/01W-02K01 S 33			4235.0	1/15/73	67.0	4168.0	5407								
				3/14/73	NM-1							2/15/73	62.3	4172.7									
				4/05/73	NM-1							3/15/73	66.8	4168.2									
				6/08/73	NM-1							4/15/73	37.8	4197.2									
				8/01/73	NM-1							5/09/73	32.0	4203.0									
				9/07/73	NM-1							6/14/73	37.4	4197.6									
02S/02W-11A01 S 36			2440.0	10/30/72	367.1(1)	2072.9	5419					7/17/73	40.4	4194.4									
				12/05/72	316.0	2124.0						8/06/73	40.6	4194.4									
				3/01/73	309.2	2130.8						9/14/73	53.0	4182.0									
				4/18/73	352.2(1)	2087.8																	
				5/24/73	257.5(1)	2182.5																	
				7/02/73	307.1	2132.9																	
				9/04/73	305.2	2134.8																	
02S/02W-11R01 S 36			2419.8	10/30/72	315.8	2104.0	5419	02S/01W-02K02 S 33			4080.0	10/12/72	214.0(1)	3866.0	5407								
				3/01/73	329.5(1)	2090.3						11/12/72	94.3	3985.7									
				4/18/73	332.3(1)	2087.5						12/12/72	94.8	3985.7									
				5/24/73	288.2	2131.6						1/15/73	137.0	3943.0									
				7/02/73	333.7(1)	2086.1						2/15/73	106.8	3973.2									
				9/04/73	336.5(1)	2083.3						3/15/73	122.0	3958.0									
02S/02W-11R02 S 36			2380.0	10/30/72	337.5(1)	2042.5	5419					4/15/73	85.2	3994.9									
				12/05/72	279.3	2100.7						5/09/73	65.0	4015.3									
				3/01/73	265.7	2114.3						6/14/73	68.4	4011.6									
				4/18/73	269.2	2110.8						7/17/73	136.2(1)	3943.8									
				5/24/73	267.2	2112.8						8/06/73	241.0(1)	3834.0									
				7/02/73	269.3	2110.7						9/14/73	263.0(1)	381									



TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SANTA ANA RIVER HYDRO UNIT SAN TIMOTEO HYDRO SUBUNIT NORIE CREEK HYDRO SUBAREA							Y-01 Y-01.F Y-01.F9	SAN JACINTO VALLEY HYDRO UNIT PERPIS HYDRO SUBUNIT PERPIS VALLEY HYDRO SUBAREA							Y-02 Y-02.A Y-02.A1
025/01W-10J01 S (CONTINUED)	36		3660.3	12/12/72 1/15/73 2/16/73 3/15/73 4/15/73 5/09/73 6/14/73 7/17/73 8/06/73 9/14/73	14.3 20.0 34.6(11) 14.4 14.8 22.4 36.8(11) 41.4(11) 20.4 43.8(11)	3646.0 3640.3 3625.7 3645.9 3645.5 3637.9 3623.5 3618.9 3639.9 3616.5	5407	035/03W-06D01 S	33		1650.0	10/06/72 4/05/73	223.6 194.0	1426.4 1452.0	5103
025/01W-22H02 S	33		3120.0	1/15/73 2/15/73 3/15/73 4/15/73 5/09/73 6/14/73 7/17/73 8/06/73 9/19/73	68.8 60.4 66.0 89.3(11) 87.4(11) 91.3(11) 91.0(11) 90.4(11) 89.0(11)	3051.2 3059.6 3054.0 3030.7 3032.6 3028.7 3029.0 3029.6 3031.0	5407	035/03W-13D01 S		1595.5	10/17/72 11/22/72 2/21/73 3/13/73 4/13/73 5/15/73 6/19/73 7/05/73 8/16/73	139.0 138.4 138.0 138.4 138.1 138.0 137.9 137.9 137.9	1456.5 1457.1 1457.5 1457.1 1457.4 1457.5 1457.6 1457.6 1457.6	5103	
025/01W-22H01 S	33		2953.0	11/22/72 12/14/72 2/21/73 4/19/73 5/15/73 7/05/73	67.9 98.7 102.0 95.5 96.7 102.7	2855.1 2854.3 2851.0 2857.5 2856.3 2850.3	5103	035/03W-31C02 S	33		1475.4	10/06/72 4/06/73	216.5 213.6	1258.9 1261.8	5103
025/01W-24D01 S				7/17/73 8/10/73				035/04W-24D01 S			153.4		NM-1 NM-1		5103
025/01W-22H02 S			2942.8	10/26/72	NM-1		5103	045/03W-04G01 S	33		1480.0	10/02/72 11/01/72 12/18/72 1/04/73 2/02/73 3/16/73 4/05/73 5/07/73 6/01/73 7/06/73 8/08/73	41.5 41.1 41.0 41.1 40.7 41.0 40.9 40.5 40.8 40.5 40.3	1438.5 1438.9 1439.0 1438.9 1439.3 1439.0 1439.1 1439.5 1439.2 1439.5 1439.7	5050
025/01W-23D01 S			3200.0	1/15/73	44.4	3155.6	5407	045/03W-04K01 S	33		1470.0	2/07/73 3/16/73 4/05/73 5/07/73 6/01/73 7/06/73 8/08/73	51.6 50.8 51.3 51.2 50.9 51.2 51.1	1418.4 1419.2 1418.7 1418.4 1419.1 1418.4 1418.9	5050
025/01W-27R02 S	33		2875.0	10/12/72 11/12/72 12/12/72 1/15/73 2/15/73 3/15/73 4/15/73 5/09/73 6/14/73 7/17/73 8/06/73 9/14/73	621.4 618.4 618.0 595.0 593.0 587.0 590.0 592.0 586.0 593.0 595.0 551.8	2253.6 2256.6 2257.0 2280.0 2282.0 2288.0 2285.0 2283.0 2289.0 2282.0 2280.0 2323.2	5407	045/03W-04001 S			1460.0	10/02/72 11/01/72 12/18/72 1/04/73 2/02/73 3/16/73 4/13/73 5/07/73 6/01/73 7/06/73 8/08/73	DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY DRY		5050
				10/25/72 11/22/72 12/06/72 1/31/73 2/28/73 6/13/73				045/03W-06H01 S	33		1460.0	10/25/72 11/22/72 12/06/72 1/31/73 2/28/73 6/13/73	360.0(15) 323.0(15) 320.7(15) 316.0(15) 316.0(15) 325.3	1100.0 1137.0 1139.3 1144.0 1144.0 1134.7	5050
				10/12/72 11/21/72 12/14/72 1/05/73 2/14/73 3/08/73 4/06/73 5/27/73 6/13/73 9/13/73				045/03W-06H02 S	33		1460.0	10/12/72 11/21/72 12/14/72 1/05/73 2/14/73 3/08/73 4/06/73 5/27/73 6/13/73 9/13/73	314.9(15) 312.9(15) 308.0(15) 305.7(15) 306.7(15) 306.7(15) 298.8(15) 310.3(15) 317.2(15) 310.3(15)	1145.1 1147.1 1152.0 1154.3 1153.3 1153.3 1161.2 1149.7 1142.8 1149.7	5103
				10/02/72 11/01/72 12/18/72 1/04/73 2/02/73 3/16/73 4/05/73 5/07/73 6/01/73 7/06/73 8/08/73				045/03W-10F03 S	33		1470.0	10/02/72 11/01/72 12/18/72 1/04/73 2/02/73 3/16/73 4/05/73 5/07/73 6/01/73 7/06/73 8/08/73	182.7 180.0 172.3 170.6 168.1 168.0 165.9 162.6 174.8 179.1 184.0	1287.3 1290.0 1297.7 1299.4 1301.9 1302.4 1304.1 1307.4 1295.2 1290.9 1266.0	5050
				10/02/72 11/01/72 12/18/72 1/04/73 2/02/73 3/16/73 4/13/73 5/07/73 6/01/73 7/06/73 8/08/73				045/03W-10H01 S	33		1530.0	10/02/72 11/01/72 12/18/72 1/04/73 2/02/73 3/16/73 4/13/73 5/07/73 6/01/73 7/06/73 8/08/73	38.5 38.6 38.2 38.5 37.6 37.6 36.6 33.2 30.0 24.7 28.7	1491.5 1491.4 1491.8 1491.5 1492.4 1493.4 1496.8 1500.0 1501.3 1501.3 1501.4	5050
				10/25/72 11/22/72				045/03W-16L01 S	33		1440.0	10/25/72 11/22/72	166.7 166.4	1273.3 1273.6	5050

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN JACINTO VALLEY HYDRO UNIT PERRIS HYDRO SUBUNIT PERRIS VALLEY HYDRO SUBAREA								SAN JACINTO VALLEY HYDRO UNIT PERRIS HYDRO SUBUNIT MENEFEE HYDRO SUBAREA							
								WINCHESTER HYDRO SUBAREA							
045/03W-16L01 S 33			1440.0	12/06/72	166.5	1273.5	5050	065/03W-03M02 S			1430.0	9/11/77	148.0	1282.0	5103
(CONTINUED)				1/05/73	166.5	1273.5		065/03W-14N01 S 33			1485.0	10/12/77	15.4	1469.6	5103
				2/05/73	166.2	1273.8						11/17/77	14.9	1470.1	
				3/29/73	166.3	1273.7						12/12/77	14.3	1470.7	
				4/27/73	166.1	1273.9						1/08/77	14.3	1470.7	
				5/25/73	166.0	1274.0						2/15/77	11.7	1473.3	
				7/06/73	166.0	1274.0						3/09/77	10.8	1474.2	
				8/08/73	166.1	1273.9						4/06/77	9.5	1475.5	
045/03W-18G01 S 33			1463.0	10/25/72	268.7	1194.3	5050					5/16/77	10.5	1474.5	
				11/22/72	267.8	1195.2						6/13/77	11.0	1474.0	
				1/05/73	266.7	1196.3						7/13/77	11.7	1473.3	
				2/28/73	265.1	1197.9						8/10/77	12.3	1472.7	
				3/29/73	264.6	1198.4						9/11/77	13.0	1472.0	
				4/27/73	264.3	1198.7									
				5/25/73	264.1	1198.9									
				7/06/73	263.4	1199.6									
				8/08/73	263.1	1199.9									
045/03W-19P01 S 33			1440.0	10/25/72	243.7	1196.3	5050	05S/02W-19N01 S 33			1459.0	12/15/72	40.9(3)	1418.1	5103
				11/22/72	239.5	1200.5						1/16/77	41.4(4)	1417.6	
				1/05/73	238.2	1201.8						3/12/77	41.3(1)	1417.7	
				2/28/73	235.0	1205.0						4/06/77	41.2(3)	1417.8	
				3/29/73	234.3	1205.7						5/16/77	41.2(4)	1417.8	
				4/27/73	237.5	1202.5						6/15/77	40.1	1418.9	
				5/25/73	238.7	1201.3						7/17/77	41.8(4)	1417.7	
				7/06/73	241.2	1198.8						8/13/77	40.4	1418.6	
				8/08/73	240.7	1199.3						9/12/77	40.8(4)	1418.2	
045/03W-22N05 S			1435.0	10/25/72	58.4	1376.6	5050	05S/02W-22G02 S 33			1505.0	10/12/72	67.2	1437.4	5103
				11/25/72	58.2	1376.8						11/20/77	65.0	1440.0	
				12/06/72	57.4	1377.6						12/15/77	64.9	1440.1	
				1/05/73	57.2	1377.8						1/16/77	64.0	1441.0	
				2/28/73	58.2	1376.8						2/20/77	63.7	1441.3	
				3/29/73	58.3(1)	1376.7						3/12/77	63.4	1441.6	
				4/27/73	58.6	1376.4						4/11/77	63.1	1441.4	
				5/25/73	58.7	1376.3						5/16/77	64.0	1441.0	
				7/06/73	58.9	1376.1						6/15/77	62.9	1442.1	
				8/08/73	59.1	1375.9						7/17/77	62.6	1442.4	
												8/13/77	62.7	1442.3	
												9/12/77	62.3	1442.7	
045/03W-29P01 S 33			1417.0	10/11/72	206.6	1210.4	5103	05S/02W-27F02 S 33			1477.1	11/20/77	57.9	1419.2	5103
				11/13/72	205.0	1212.0						12/15/77	57.8	1419.3	
				12/12/72	206.8	1210.2						1/16/77	57.5	1419.4	
				1/08/73	202.8	1214.2						2/20/77	57.5	1419.4	
				2/14/73	201.6	1215.4						3/12/77	57.4	1419.7	
				3/09/73	197.9	1219.1									
				4/06/73	200.2	1216.8									
				6/13/73	203.2	1213.8									
				7/05/73	204.0	1213.0									
				8/10/73	204.3	1212.7									
04S/03W-29Q02 S 33			1420.0	10/25/72	214.8	1205.2	5050	05S/02W-27G01 S 33			1480.0	4/11/77	62.6	1417.4	5103
				11/22/72	217.9	1202.1						6/15/77	62.6	1417.4	
				12/06/72	203.8	1216.2						7/17/77	55.8	1424.2	
				1/12/73	213.1	1206.9						8/13/77	55.7	1424.3	
				2/28/73	204.8	1215.2						9/12/77	55.8	1424.2	
				3/09/73	200.7	1219.3									
				4/27/73	200.0	1220.0									
				6/07/73	203.3	1216.7									
				7/06/73	203.9	1216.1									
				8/08/73	204.9	1215.1									
04S/03W-35F01 S 33			1431.9	10/11/72	202.1	1229.8	5103	05S/02W-27H01 S 33			1474.5	10/12/77	NM-R		5103
				4/06/73	198.6	1233.3									
04S/04W-12F01 S			1540.0	10/06/72	38.8	1501.2	5103	LAKEVIEW HYDRO SUBAREA							
				11/13/72	38.3	1501.7		04S/02W-03P01 S			1436.3	10/13/77	158.3	1278.0	5103
				12/12/72	38.1	1501.9						11/21/77	156.7	1279.4	
				1/04/73	38.9	1501.1						12/15/77	156.4	1279.9	
				2/14/73	37.5	1502.5						1/17/77	156.4(4)	1279.9	
				3/09/73	37.3	1502.7						2/20/77	155.8	1280.5	
				4/06/73	37.5	1502.5						4/13/77	155.7	1280.6	
				6/13/73	38.5	1501.5						5/15/77	157.9(4)	1278.4	
				8/10/73	37.8	1502.2						6/19/77	157.5(2)	1278.8	
05S/03W-05R02 S 33			1415.0	10/12/72	161.8	1253.2	5103					8/16/77	157.9(4)	1278.4	
				2/14/73	178.0(8)	1237.0						9/13/77	157.8	1278.5	
				3/08/73	171.0(8)	1244.0									
				4/06/73	178.6	1236.4									
				5/22/73	177.8	1237.2									
				6/13/73	178.8	1236.2									
				7/05/73	161.6	1253.4									
				8/10/73	162.0(3)	1253.0									
				9/11/73	161.9	1253.1									
MENEFEE HYDRO SUBAREA								MENEFEE HYDRO SUBAREA							
06S/03W-01J01 S 33			1429.0	11/21/72	175.9	1253.1	5103	05S/01W-20G03 S 33			1877.4	10/13/77	267.5	1609.4	5103
				1/16/73	172.5	1256.5						11/21/77	268.1	1609.3	
				2/20/73	170.5	1258.5						12/15/77	263.9	1613.5	
				3/12/73	169.4	1259.6						1/17/77	263.0	1614.4	
				5/16/73	167.1	1261.9						2/20/77	262.3	1615.1	
				6/15/73	166.3	1262.7						3/12/77	261.8	1615.6	
				8/13/73	165.0(2)	1264.0						4/12/77	261.5	1615.9	
				9/12/73	163.7	1265.3						5/16/77	NM-1		
												6/19/77	NM-1		
												7/03/77	NM-1		
												8/16/77	NM-1		
												9/13/77	NM-1		
06S/03W-03H02 S			1430.0	1/08/73	159.3	1270.7	5103	05S/01W-09L02 S			1549.0	1/17/77	NM-R		5103
				4/06/73	157.0	1273.0						6/15/77	NM-R		
				5/16/73	156.0	1274.0						8/16/77			

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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN JACINTO VALLEY HYDRO UNIT PEPPIS HYDRO SUBUNIT HEMET HYDRO SUBAREA							Y-02 Y-02.A Y-02.A5	SAN JACINTO VALLEY HYDRO UNIT SAN JACINTO HYDRO SUBUNIT SAN JACINTO HYDRO SUBAREA							Y-02 Y-02.B Y-02.B1
055/01W-20P01 S (CONTINUED)	33		1524.0	4/11/73 5/16/73 6/15/73 7/03/73 8/16/73 9/12/73	134.6 135.6 136.0 136.4 137.0 137.2	1389.4 1388.4 1388.0 1387.6 1387.0 1386.8	5103	035/01W-12F01 S (CONTINUED)	33		2578.0	5/09/73 6/14/73 7/06/73 8/06/73 9/14/73	329.4 331.0 333.2 331.1 330.9	2248.6 2247.0 2244.8 2246.9 2247.1	5407
055/02W-12002 S	33		1498.5	10/12/72 4/11/73	66.3 63.0(2)	1432.2 1435.5	5103	035/01W-12N01 S	33		2544.7	12/14/72 2/23/73 4/27/73	278.4 271.2 273.9	2265.4 2270.0 2270.3	5702
065/01W-02D01 S	5		1684.0	10/12/72 11/20/72 12/14/72 1/16/73 2/20/73 3/12/73 4/11/73 5/16/73 6/19/73 7/03/73 8/16/73 9/17/73	83.5 83.5 83.5 83.3 83.3 83.3 83.2 83.3 83.4 83.4 83.3 83.4	1600.5 1600.5 1600.5 1600.7 1600.7 1600.7 1600.8 1600.7 1600.6 1600.6 1600.7 1600.6	5103	035/02W-07P01 S	33		1590.0	10/17/72 4/13/73	109.4 109.1	1480.6 1480.9	5103
065/01W-10A01 S	5		1698.0	10/17/72 4/11/73	90.8 90.7	1607.2 1607.3	5103	035/02W-21C01 S	5		1440.0	10/17/72 4/13/73	NM-2 NM-5		5103
SAN JACINTO HYDRO SUBUNIT SAN JACINTO HYDRO SUBAREA							Y-02.B Y-02.B1	SAN JACINTO VALLEY HYDRO UNIT SAN JACINTO HYDRO SUBUNIT SAN JACINTO HYDRO SUBAREA							Y-02 Y-02.B Y-02.B1
055/01E-06P01 S	33		1676.0	10/13/72 11/21/72 12/15/72 1/17/73 2/20/73 3/13/73 4/12/73 5/15/73 6/19/73 7/03/73 8/16/73 9/13/73	204.8 204.7 204.7 204.9 204.3 204.2 204.4 204.6 204.6 204.5 204.4 204.6	1471.2 1471.3 1471.3 1471.1 1471.7 1471.8 1471.6 1471.4 1471.4 1471.5 1471.6 1471.4	5103	045/01W-09002 S	33		1476.0	10/13/72 12/15/72 1/17/73 2/20/73 3/13/73 4/12/73 5/15/73 6/19/73 7/03/73 8/16/73 9/13/73	67.9(2) 66.8 66.2(2) 64.6 63.8(2) 64.1(2) 67.4(2) 68.7(2) 69.1(2) 69.0 69.8(2)	1408.1 1409.2 1409.8 1411.4 1412.2 1411.4 1408.4 1407.3 1406.4 1407.0 1406.7	5103
055/01F-07K01 S	33		1725.2	10/13/72 11/21/72 12/15/72 2/20/73 3/13/73 4/12/73 5/15/73 6/19/73 7/03/73 8/16/73 9/13/73	327.0 327.5 327.5 327.7 327.7 327.8 328.1 328.6 328.8 329.6 330.2	1398.2 1397.7 1397.7 1397.5 1397.5 1397.4 1397.1 1396.6 1396.4 1395.6 1395.0	5103	045/01W-15001 S	5		1500.0	10/13/72 4/12/73	NM-5 NM-5		5103
055/01F-09J02 S	5		1784.2	10/12/72	NM-7		5103	045/01W-21P01 S	33		1494.0	10/13/72 11/21/72 12/15/72 3/13/73 4/12/73 5/15/73 6/19/73 7/03/73 8/16/73 9/13/73	67.1(2) 65.1(2) 67.0(2) 69.5(2) 67.8(2) 64.8 63.8(2) 63.1(2) 66.8(2) 66.9	1426.4 1428.4 1427.0 1424.5 1426.2 1429.2 1430.2 1430.9 1427.2 1427.1	5103
055/01E-09M01 S	33		1759.7	10/13/72 4/12/73	76.0 75.9	1683.7 1683.8	5103	045/02W-01M01 S	5		1436.5	4/13/73	134.4	1301.7	5103
055/01E-14G01 S	33		1870.8	10/17/72 11/21/72 12/15/72 1/17/73 2/20/73 3/12/73 4/12/73 5/15/73 6/19/73 7/03/73 8/16/73 9/13/73	38.7 41.2 42.2 43.0 42.1 40.9 37.6 37.5 34.4 36.8 37.2 38.4	1832.1 1829.6 1828.6 1827.8 1828.7 1829.9 1833.2 1833.3 1836.4 1834.0 1833.6 1832.4	5103	FLSTINORE HYDRO SUBUNIT ELSTINORE HYDRO SUBAREA							Y-02.C Y-02.C1
055/01F-18F01 S	5		1730.0	10/13/72 4/12/73	NM-1 NM-7		5103	055/05W-34002 S	33		1385.0	10/19/72 11/20/72 12/14/72 1/16/73 2/16/73 3/12/73 4/10/73 5/23/73 6/15/73 7/13/73 8/13/73 9/12/73	240.1 240.0 240.2 241.0(2) 241.5 241.5 241.1 242.2 245.4 250.2 255.6(2) 259.8(2)	1144.9 1145.0 1144.4 1144.0 1143.5 1143.5 1143.9 1142.8 1139.6 1134.4 1129.4 1125.2	5103
055/01E-21F01 S	5		1918.6	10/13/72	NM-9		5103	065/04W-06J01 S	33		1280.0	10/18/72 4/09/73	26.2 26.7	1253.4 1253.3	5103
025/01W-34001 S	33		2666.3	2/23/73	417.3	2249.0	5702	065/04W-07J03 S	33		1238.0	10/18/72 11/17/72 12/14/72 1/08/73 2/16/73 3/09/73 4/09/73 6/14/73 7/13/73 8/13/73 9/11/73	14.8 14.4 15.0 15.6 16.8 16.2 15.9 15.9 16.7 17.0 17.2	1223.2 1223.6 1223.0 1222.4 1221.8 1221.8 1222.1 1222.1 1221.3 1221.0 1220.4	5103
035/01W-03K02 S	33		2642.8	12/14/72 2/23/73	396.0 398.0	2246.8 2244.8	5702	065/04W-08L01 S	33		1272.6	4/09/73	71.6	1201.0	5103
035/01W-03K03 S	33		2633.7	10/12/72 11/24/72 12/12/72 1/15/73 2/16/73 3/15/73 4/15/73 5/09/73 6/14/73 7/18/73 8/06/73 9/14/73	443.4 394.4 390.4 391.4 380.4 386.4 388.4 437.4(1) 430.4(1) 439.4(1) 440.4(1) 430.0	2190.3 2239.3 2243.3 2242.3 2253.3 2247.3 2245.3 2196.3 2203.3 2194.3 2193.3 2203.7	5407	065/04W-16001 S	33		1260.0	10/18/72 11/17/72 12/14/72 1/08/73 2/16/73 3/09/73 4/09/73 6/14/73 8/10/73 9/11/73	97.6 97.9 98.5 98.5 99.0 99.0 97.8 96.0 95.0 97.3	1162.4 1162.1 1161.5 1161.5 1161.0 1161.0 1162.2 1164.0 1165.0 1162.7	5103
035/01W-12F01 S	33		2578.0	10/12/72 11/12/72 12/14/72 1/15/73 2/15/73 3/15/73 4/15/73	328.0 329.0 333.2 330.8 330.4 330.4 330.0	2250.0 2249.0 2244.8 2247.2 2247.6 2247.6 2248.0	5407	065/04W-16H01 S	33		1272.0	10/18/72 4/09/73	54.9 55.1	1217.1 1216.4	5103
								065/04W-19G01 S	33		1257.9	10/19/72 4/10/73	11.2 8.7	1246.7 1249.2	5103
								065/04W-19K01 S	33		1284.0	10/19/72 4/10/73	24.6 23.1	1259.4 1260.9	5103



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STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN JACINTO VALLEY HYDRO UNIT							Y-02								
ELSINORE HYDRO SUBUNIT							Y-02.C								
ELSINORE HYDRO SUBAREA							Y-02.C1								
065/04W-20001	S	33	1289.0	10/19/72	15.0	1274.0	5103								
				11/20/72	15.5	1273.5									
				12/14/72	15.0	1274.0									
				1/16/73	15.2	1273.8									
				2/16/73	14.8	1274.2									
				3/12/73	14.5	1274.5									
				4/10/73	14.2	1274.8									
				5/23/73	14.4	1274.6									
				6/15/73	14.6	1274.4									
				7/13/73	15.1	1273.9									
				8/13/73	15.5	1273.5									
				9/12/73	15.6	1273.4									
065/04W-20002	S	33	1279.0	10/19/72	18.2	1260.8	5103								
				4/10/73	14.2	1264.8									
065/04W-20P01	S	33	1263.0	10/19/72	15.0	1248.0	5103								
				4/10/73	12.2	1250.8									
065/04W-22M01	S	33	1273.0	10/18/72	213.0	1060.0	5103								
065/04W-23N01	S		1409.0	10/18/72	45.3	1363.7	5103								
				4/09/73	46.2	1362.8									
065/04W-29C01	S		1330.0	4/10/73	40.9	1289.1	5103								
065/04W-29H04	S		1325.0	10/19/72	36.9	1288.1	5103								
				4/10/73	35.8	1289.2									
065/05W-02G01	S	33	1277.7	10/19/72	61.1	1216.6	5103								
				4/10/73	61.0	1216.7									
065/05W-02L01	S	33	1278.0	10/19/72	62.2	1215.8	5103								
				4/10/73	62.0	1216.0									
065/05W-02L02	S		1267.0	8/13/73	NM-1		5103								
				9/11/73	NM-1										
065/05W-02M03	S		1286.8	10/19/72	NM-1		5103								
				4/10/73	NM-9										
065/05W-03K02	S		1337.0	10/19/72	NM-2		5103								
				4/10/73	NM-2										
065/05W-03N01	S	33	1375.0	11/20/72	59.0	1316.0	5103								
				12/14/72	59.5	1315.5									
065/05W-03P01	S	33	1327.5	10/19/72	70.5	1257.0	5103								
				4/10/73	65.2	1262.3									
065/05W-10R01	S	33	1285.0	10/19/72	7.4	1277.6	5103								
				4/10/73	4.9	1280.1									
065/05W-10C01	S	33	1331.1	10/19/72	24.4	1306.7	5103								
				4/10/73	25.1	1306.0									
065/05W-11M02	S	33	1290.0	10/19/72	19.5	1270.5	5103								
				4/10/73	18.6	1271.4									
065/05W-11P02	S		1313.0	10/19/72	49.8	1263.2	5103								
065/05W-13P01	S	33	1337.0	10/19/72	64.7	1272.3	5103								
				4/10/73	66.9	1270.1									
065/05W-13002	S	33	1270.0	10/19/72	42.1	1227.9	5103								
				11/20/72	40.7	1229.3									
				12/14/72	39.6	1230.4									
				1/16/73	38.8	1231.2									
				2/16/73	37.9	1232.1									
				3/12/73	37.9	1232.1									
				4/10/73	38.2	1231.8									
				5/23/73	40.4	1229.6									
				6/15/73	41.1	1228.9									
				7/13/73	42.0	1228.0									
				8/13/73	42.0	1228.0									
				9/12/73	41.7	1228.3									
065/05W-14A01	S	33	1271.3	10/19/72	23.9	1247.4	5103								
065/05W-14F01	S	33	1506.6	10/19/72	35.5	1471.1	5103								

See page 79 for key to terms & abbreviations

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SAN DIEGO DRAINAGE PROVINCE							Z	SAN JUAN HYDRO UNIT							7-01	
SAN JUAN HYDRO UNIT							Z-01	LAGUNA HYDRO SUBUNIT							7-01.A	
LAGUNA HYDRO SUBUNIT							Z-01.A	ALISO HYDRO SUBAREA							Z-01.A3	
ALISO HYDRO SUBAREA							Z-01.A3									
055/07W-32J01 5			1235.0	10/09/72	13.5	1221.5	5102	065/08W-26F01 5 30			422.0	4/09/73	23.9	398.1	5102	
				11/06/72	13.5	1221.5		(CONTINUEO)				5/07/73	24.1	397.9		
				1/08/73	12.9	1222.1						6/11/73	24.7	397.3		
				2/05/73	12.1	1222.9						8/20/73	27.8	394.2		
				3/19/73	10.0	1225.0		065/08W-26F03 5 30			421.9	10/24/72	18.0	403.9	5102	
				4/23/73	10.8	1224.2						11/20/72	18.4	403.5		
				5/21/73	11.2	1223.8						12/11/72	18.0	403.9		
				7/23/73	13.0	1222.0						1/22/73	17.9	404.0		
				9/25/73	13.5	1221.5						2/26/73	15.6	406.3		
055/07W-33001 5			1180.0	10/09/72	16.4	1163.6	5102					4/09/73	15.7	406.2		
				11/06/72	16.9	1163.1						5/07/73	16.7	405.2		
				1/08/73	16.2	1163.8						6/11/73	17.0	404.9		
				2/05/73	15.6	1164.4						8/20/73	17.8	404.1		
				3/19/73	11.9	1168.1		065/08W-26F04 5 30			420.2	10/24/72	17.3	402.9	5102	
				4/23/73	13.6	1166.4						11/20/72	19.0	401.2		
				5/21/73	13.2	1166.8						12/11/72	17.2	403.0		
				9/25/73	13.3	1166.7						1/22/73	17.7	402.5		
065/07W-04C01 5 30			1160.0	10/09/72	23.4	1136.6	5102					2/26/73	15.7	404.5		
				11/06/72	23.3	1136.7						4/09/73	15.1	405.1		
				1/08/73	21.7	1138.3						5/07/73	15.7	404.5		
				2/05/73	22.0	1138.0						6/11/73	17.0	403.2		
				3/19/73	12.3	1147.7						8/20/73	17.6	402.6		
				4/23/73	10.4	1149.6		065/08W-26F05 5 30			431.0	10/24/72	26.7	404.3	5102	
				5/21/73	9.8	1150.2						11/20/72	28.9	402.1		
				7/23/73	11.2	1148.8						12/11/72	28.7	402.7		
				9/25/73	12.8	1147.2						1/22/73	29.0	402.0		
065/08W-23J01 5 30			507.5	10/24/72	22.0	485.5	5102					2/26/73	27.6	403.4		
				11/20/72	22.1	485.4						4/09/73	26.1	404.9		
				12/11/72	21.8	485.7						5/07/73	26.2	404.4		
				1/22/73	22.0	485.5						6/11/73	26.8	404.2		
				2/26/73	21.0	486.5						8/20/73	27.5	403.5		
				4/09/73	20.3	487.2		065/08W-26M03 5 30			414.0	11/20/72	23.9	390.1	5102	
				5/07/73	20.8	486.7						12/11/72	27.7	386.3		
				6/11/73	21.3	486.2						1/22/73	23.6	390.4		
				8/20/73	23.4	484.1						2/26/73	22.9	391.1		
065/08W-23002 5 30			451.2	10/24/72	16.3	434.9	5102					4/09/73	22.1	391.9		
				11/20/72	16.7	434.5						5/07/73	22.3	391.7		
				12/11/72	15.8	435.4						6/11/73	22.7	391.3		
				1/22/73	15.0	436.2						8/20/73	23.3	390.7		
				2/26/73	13.9	437.3		065/08W-27J01 5 30			396.0	10/24/72	21.7	374.3	5102	
				4/09/73	12.4	438.8						11/20/72	21.7	374.3		
				5/07/73	11.6	439.6						12/11/72	22.0	374.0		
				6/11/73	13.0	438.2						1/22/73	21.3	374.7		
				8/20/73	15.1	436.1						2/26/73	19.4	376.6		
065/08W-23901 5 30			461.0	10/24/72	8.1	452.9	5102					4/09/73	19.5	376.5		
				11/20/72	5.5	455.5						5/07/73	20.2	375.4		
				12/11/72	5.6	455.4						6/11/73	20.4	375.4		
				1/22/73	4.7	456.3						8/20/73	18.2	377.4		
				2/26/73	3.5	457.5		065/08W-27001 5 30			377.7	10/24/72	17.7	360.0	5102	
				4/09/73	3.5	457.5						11/20/72	16.7	361.0		
				5/07/73	3.4	457.6						12/11/72	16.8	360.4		
				6/11/73	3.6	457.4						1/22/73	17.4	360.4		
				8/20/73	5.9	455.1						2/26/73	15.5	362.2		
065/08W-24M01 5 30			507.8	10/24/72	8.9	498.9	5102					4/09/73	14.2	363.9		
				12/11/72	8.5	499.3						5/07/73	14.1	363.4		
				1/22/73	8.0	499.8						6/11/73	14.8	362.9		
				2/26/73	8.9	498.9						8/20/73	15.8	361.4		
				4/09/73	8.9	498.9		065/08W-27002 5 30			383.0	10/24/72	18.0	365.0	5102	
				5/07/73	8.6	499.2						11/20/72	17.3	365.7		
				6/11/73	12.6	495.2						12/11/72	16.9	366.1		
				8/20/73	13.2(11)	494.6						1/22/73	16.6	366.4		
065/08W-26R01 5 30			440.0	10/24/72	12.7	427.3	5102					2/26/73	15.5	367.5		
				11/20/72	12.4	427.6						4/09/73	14.2	368.4		
				12/11/72	12.6	427.4						5/07/73	19.5(1)	363.5		
				1/22/73	12.0	428.0		065/08W-34A02 5 30			381.0	10/24/72	23.5	357.5	5102	
				2/26/73	5.9	434.1						11/20/72	23.9	357.1		
				4/09/73	7.4	432.6						12/11/72	22.4	358.6		
				5/07/73	7.6	432.4						1/22/73	22.0	359.0		
				6/11/73	7.5	432.5						2/26/73	21.3	359.7		
				8/20/73	8.3	431.7						4/09/73	20.2	360.4		
065/08W-26802 5 30			453.8	10/24/72	13.2	440.6	5102					5/07/73	20.5	360.5		
				11/20/72	13.6	440.2						6/11/73	20.8	360.2		
				12/11/72	12.3	441.5						8/20/73	23.1	357.9		
				1/22/73	12.6	441.2		065/08W-34C02 5 30			365.8	12/11/72	17.5	348.3	5102	
				2/26/73	9.2	444.6						1/22/73	16.8	349.0		
				4/09/73	7.8	446.0						2/26/73	16.1	349.7		
				5/07/73	8.2	445.6						4/09/73	15.2	350.6		
				6/11/73	8.5	445.3						5/07/73	14.7	351.1		
				8/20/73	10.1	443.7						6/11/73	14.4	351.4		
065/08W-26C01 5 30			438.0	11/20/72	24.9	413.1	5102					8/20/73	14.2	351.6		
				12/11/72	24.5	413.5		075/08W-04G01 5			320.0	4/09/73	93.4	226.6	5102	
				1/22/73	26.2	411.8						5/07/73	104.4	215.6		
				2/26/73	21.2	416.8						8/20/73	120.7	199.3		
				4/09/73	20.2	417.8										
				5/07/73	20.6	417.4		075/08W-05901 5			500.0	11/20/72	49.7	450.3	5102	
065/08W-26F01 5 30			422.0	10/24/72	26.2	395.8	5102					12/11/72	52.0	446.0		
				11/20/72	26.2	395.8						1/22/73	47.3	452.7		
				12/11/72	27.1	394.9						4/09/73	26.6	473.4		
				1/22/73	26.3	395.7						5/07/73	53.5</			

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN JUAN HYDRO UNIT				Z-01				SAN JUAN HYDRO UNIT				Z-01			
SAN JUAN HYDRO SUBUNIT				Z-01.8				SAN JUAN HYDRO SUBUNIT				Z-01.8			
065/07W-10901 S			974.0	1/08/73	28.8	945.2	5102	075/08W-36L01 S 30			171.7	9/20/73	27.5	143.4	5102
				2/05/73	18.0	956.0									
				4/23/73	10.8	963.2		075/08W-36L02 S 30			158.5	10/25/72	26.2	132.3	5102
				5/21/73	11.4	962.6						9/20/73	15.8	142.7	
065/07W-11J01 S 30			1082.8	10/09/72	40.8	1042.0	5102	075/08W-36P03 S 30			140.2	10/19/72	26.5	113.7	5102
				11/03/72	41.1	1041.7						12/19/72	27.3	112.9	
				1/08/73	22.4	1060.4						6/14/73	28.4	111.8	
				2/05/73	13.5	1069.3						9/20/73	17.6	122.6	
				3/19/73	2.2	1080.6		085/07W-05R01 S 30			130.0	12/21/72	11.5	118.5	5102
				4/23/73	7.9	1074.9						4/13/73	4.0	126.0	
				5/21/73	14.4 (1)	1068.4						6/18/73	4.2	125.8	
				9/25/73	35.3	1047.5						9/26/73	10.7	119.3	
065/07W-11N01 S 30			980.7	11/06/72	29.3	951.4	5102	085/07W-05C02 S 30			128.0	10/26/72	14.3	113.7	5102
				1/08/73	27.9	952.8						12/21/72	8.4	119.6	
				2/05/73	12.8	967.9		085/07W-06H03 S 30			110.0	6/18/73	11.6	98.4	5102
				3/19/73	8.7	972.0						9/26/73	11.6	98.4	
				4/23/73	9.6	971.1		085/07W-06K03 S 30			106.0	10/26/72	14.6	91.4	5102
				5/21/73	10.0	970.7						12/21/72	13.6	92.4	
				9/25/73	24.3	956.4		085/07W-06P02 S 30			88.0	6/18/73	6.6	81.4	5102
065/07W-11N02 S 30			994.0	10/09/72	30.4	963.6	5102					10/05/72	18.4	67.6	5102
				11/06/72	34.7	959.3		085/07W-07C03 S 30			86.0	12/19/72	14.0	72.0	
				1/08/73	31.8	962.2						4/13/73	9.5	76.5	
				2/05/73	9.5	984.5						6/18/73	12.7	73.3	
				3/19/73	6.7	987.3						9/26/73	17.2	68.4	
				4/23/73	9.5	984.5		085/08W-01F01 S 30			137.0	10/19/72	34.8	102.2	5102
				5/21/73	12.5	981.5						12/18/72	33.1	103.9	
				9/25/73	26.2	967.8						4/12/73	22.2	114.4	
065/07W-12M01 S 30			1100.6	10/09/72	43.3	1057.3	5102					6/14/73	22.3	114.7	
				11/06/72	41.9	1058.7						9/20/73	26.3	110.7	
				1/08/73	20.5	1080.1		085/08W-01K01 S 30			110.0	12/19/72	37.1	72.9	5102
				2/05/73	13.3	1087.3						4/12/73	13.5	96.5	
				3/19/73	5.1	1095.5						6/14/73	10.0	100.0	
				4/23/73	7.5	1093.1						9/20/73	26.3	83.7	
				5/21/73	13.2 (1)	1087.4		085/08W-01K02 S 30			105.0	10/19/72	40.8	64.2	5102
				7/23/73	30.0 (1)	1070.6						12/19/72	35.0	70.0	
065/07W-12M02 S			1105.9	10/04/72	DRY		5102					4/12/73	10.7	94.3	
				1/08/73	23.9	1082.0						6/14/73	9.7	95.1	
				2/05/73	15.9	1090.0						9/20/73	7.2	97.8	
				3/19/73	9.7	1096.2		085/08W-01L01 S 30			100.0	10/19/72	21.5	78.5	5102
				4/23/73	11.0	1094.9						4/12/73	8.8	91.2	
				5/21/73	16.7	1089.2						10/25/72	19.6	70.8	5102
				7/23/73	DRY							12/19/72	18.9	71.5	
065/07W-15R01 S 30			926.7	1/08/73	22.1	904.6	5102					4/12/73	11.6	78.8	
				2/05/73	19.6	907.1						6/14/73	12.2	78.2	
				3/19/73	4.4	922.3		085/08W-01O01 S 30			90.4	10/25/72	19.6	70.8	5102
				4/23/73	6.8	919.9						12/19/72	18.9	71.5	
				5/21/73	5.6	921.1						4/12/73	11.6	78.8	
				9/25/73	19.9	906.8						6/14/73	12.2	78.2	
065/07W-15F03 S			900.0	4/23/73	NW-1		5102	085/08W-12A01 S 30			80.0	10/26/72	21.3	58.7	5102
075/07W-32R02 S 30			140.0	10/26/72	15.5	124.5	5102					12/18/72	19.8	60.2	
				12/29/72	13.7	126.3						4/13/73	17.5	62.5	
				4/13/73	9.7	130.3						6/18/73	18.6	61.4	
				6/18/73	9.0	131.0						9/26/73	22.7	57.3	
				9/26/73	12.2	127.8		085/08W-12H02 S 30			75.0	10/26/72	5.8	69.2	5102
075/07W-33M01 S 30			159.0	10/26/72	15.2	143.8	5102					12/19/72	5.2	69.8	
				12/21/72	15.0	144.0						4/13/73	5.0	70.0	
				4/13/73	8.9	150.1						6/18/73	3.8	71.2	
				6/18/73	9.3	149.7		085/08W-12L01 S 30			62.0	10/25/72	16.3	45.7	5102
075/08W-12N01 S 30			280.0	10/19/72	6.0	274.0	5102					12/19/72	14.5	47.5	
				12/19/72	5.3	274.7						4/12/73	8.4	53.6	
				4/12/73	4.9	275.1						6/14/73	10.1	51.4	
				6/14/73	5.0	275.0						9/20/73	10.9	51.1	
				9/26/73	5.4	274.6		085/08W-12P03 S 30			54.4	10/25/72	19.6	34.8	5102
075/08W-25R02 S 30			239.5	10/25/72	60.4	179.1	5102					12/19/72	19.3	35.1	
				9/20/73	41.1	198.4						9/20/73	19.8	34.6	
075/08W-25R03 S 30			240.0	10/25/72	62.2	177.8	5102	085/08W-14H04 S 30			40.0	10/25/72	16.0	24.0	5102
				12/19/72	59.0	181.0						4/12/73	15.0	25.0	
				9/20/73	43.0	197.0		085/08W-14O01 S 30			18.0	4/12/73	4.2	13.8	5102
075/08W-25N01 S 30			203.5	10/19/72	56.0	147.5	5102					9/20/73	8.1	9.0	
				12/19/72	52.7	150.8						10/25/72	6.9	13.1	5102
				4/12/73	39.8	163.7						4/12/73	4.8	15.2	
				6/14/73	40.7	162.8						6/14/73	3.7	16.3	
				9/20/73	40.1	163.4						9/20/73	6.1	13.9	
075/08W-25N02 S 30			204.0	10/19/72	57.4	146.6	5102	085/08W-23A04 S 30			24.5	10/25/72	21.4	3.1	5102
				12/19/72	49.2	154.8						12/19/72	19.7	4.8	
				4/12/73	29.5	174.5						4/12/73	16.7	7.8	
				6/14/73	30.3	173.7						6/14/73	16.9	7.6	
				9/20/73	38.1	165.9		085/08W-23A05 S 30			19.3	10/25/72	14.4	4.9	5102
075/08W-25P02 S 30			213.0	4/13/73	42.8	170.2	5102					12/19/72	13.8	5.5	
				9/20/73	29.0 (8)	184.0						4/12/73	12.5	6.8	
075/08W-36C03 S 30			200.4	10/25/72	57.9	142.5	5102					6/14/73	13.3	6.0	
				9/20/73	41.2	159.2						9/26/73	16.3	3.0	
075/08W-36L01 S 30			171.3	10/25/72	39.0	132.3	5102								
				12/19/72	38.5	132.8									
				4/12/73	23.9	147.4									
				6/14/73	25.0	146.3									

See page 79 for key to terms & abbreviations





TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN LUIS REY HYDRO UNIT BONSALL HYDRO SUBUNIT MISSION HYDRO SUBAREA							Z-03 Z-03.A Z-03.A1	CARLSBAD HYDRO UNIT ESCONDIDO HYDRO SUBUNIT ESCONDIDO SURAREA							Z-04 Z-04.F Z-04.F2
115/05W-13N02 S 37 (CONTINUEO)			17.7	3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/05/73	3.3 3.1 2.8 4.1 4.2 4.3 4.2	14.4 14.6 14.9 13.6 13.5 13.4 13.5	5202	125/02W-22A02 S 37			720.0	12/05/72	42.9	677.1	5050
115/05W-13P02 S 37			21.5	11/14/72 12/06/72 1/02/73 2/05/73 3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/05/73	5.8 5.8 5.7 5.3 5.0 5.0 5.7 5.9 6.0 6.1 5.7	15.7 15.7 15.8 16.2 16.5 16.5 15.8 15.6 15.5 15.4 15.8	5202	125/02W-22J01 S 37			697.0	12/05/72	14.5	682.5	5050
115/05W-24R01 S 37			23.6	11/14/72 12/06/72 1/02/73 2/05/73 3/05/73 4/02/73 5/07/73 6/04/73 7/02/73 8/06/73 9/05/73	4.4 4.8 4.3 4.0 3.4 3.6 4.2 4.3 4.4 4.4 4.4	19.2 18.8 19.3 19.6 20.2 20.0 19.4 19.3 19.2 19.2 19.2	5202	125/02W-27H02 S 37			690.0	12/05/72	34.5	655.5	5050
BONSALL HYDRO SURAREA							7-03.A2								
105/03W-11G01 S 37			237.1	12/08/72	10.7	226.4	5050								
105/03W-11N01 S 37			222.0	12/08/72	12.0	210.0	5050								
105/03W-15A01 S 37			224.0	10/02/72 11/01/72 12/01/72 2/01/73 3/02/73 4/02/73 5/01/73	10.2 10.1 10.2 8.4 3.4 6.4 4.9	5881 213.8 217.9 213.8 215.6 220.6 217.6 219.1									
105/03W-15F01 S 37			206.0	10/02/72 11/01/72 12/01/72 2/01/73 3/02/73 4/02/73 5/01/73	13.5 13.1 12.8 10.7 7.4 9.9 8.5	5881 192.5 192.9 193.2 195.3 198.6 196.1 197.5									
105/03W-16F01 S 37			190.0	12/08/72	3.7	186.3	5050								
105/03W-16J01 S 37			200.0	12/08/72	7.5	192.5	5050								
105/03W-16L01 S 37			190.0	10/02/72 11/01/72 12/01/72 2/01/73 3/02/73 4/02/73 5/01/73	8.4 9.0 8.5 5.6 8.1 5.9 5.8	5881 181.6 181.0 181.5 184.4 181.9 184.1 184.2									
105/03W-20R01 S 37			176.2	12/08/72	4.0	172.2	5050								
105/03W-30J01 S			150.1	12/08/72	9.3	140.8	5050								
WARNER HYDRO SUBUNIT WARNER HYDRO SUBAREA							Z-03.C Z-03.C1								
105/02E-26A01 S				7/00/73	NM-9		5416								
105/03E-29J02 S				7/00/73	NM-9		5416								
105/03E-30C01 S 37			2750.0	12/18/72 2/12/73 5/01/73 6/27/73 7/00/73	40.0 35.0 33.0 36.0 38.0	2710.0 2715.0 2717.0 2714.0 2712.0	5416								

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN DIEGUITO HYDRO UNIT SAN DIEGUITO HYDRO SUBUNIT SAN DIEGUITO HYDRO SUBAREA							Z-05 Z-05.A Z-05.A1	SAN DIEGUITO HYDRO UNIT MOCGES HYDRO SUBUNIT MOCGES HYDRO SUBAREA							Z-05 Z-05.H Z-05.P1
135/03W-33C01 S	37		43.1	12/07/72	31.6	11.5	5050	135/02W-02D03 S	37		380.0	6/00/73 8/00/73	45.7 54.5	334.3 325.5	5710
135/03W-33C03 S	37		40.8	12/07/72	39.5	1.3	5050	(CONTINUED)							
135/03W-33M01 S	37		35.0	12/07/72	59.1	-24.1	5050	135/02W-02F01 S	37		375.0	12/00/72 1/00/73 2/00/73 5/00/73 6/00/73 8/00/73	17.9 16.3 13.9 13.9 14.6 26.3	357.1 358.7 361.1 361.1 360.4 348.7	5710
145/03W-05F01 S	37		23.4	12/07/72	21.4	2.0	5050	135/02W-02F02 S	37		365.0	1/00/73 2/00/73 5/00/73 6/00/73 8/00/73	2.0 2.7 16.2 4.3 7.2	363.0 362.3 348.8 360.7 357.8	5710
145/03W-06P02 S	37		15.0	12/07/72	NM-7		5050	135/02W-02J01 S	37		430.0	12/05/72	18.8	411.2	5050
145/03W-06001 S	37		14.5	12/07/72	13.8	0.7	5050	135/02W-02M01 S	37		358.4	12/05/72	11.7	344.7	5050
145/03W-07C07 S	37		14.6	12/07/72	16.1	-1.5	5050	135/02W-05D01 S	37		355.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/02/73 6/01/73 7/01/73 8/01/73 9/01/73	30.0 27.5 23.0 20.0 15.5 11.5 9.3 11.0 14.0 14.5 15.5 15.5	325.0 327.5 332.4 335.0 339.5 343.5 345.7 344.0 341.0 340.5 339.5 339.5	5724
145/03W-07M01 S	37		19.3	12/04/72	18.0	1.3	5050	135/02W-05002 S	37		340.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73	74.0 70.0 75.0 76.0 76.0 79.0 70.0 73.0 58.0	266.0 270.0 265.0 264.0 264.0 261.0 270.0 267.0 282.0	5724
145/04W-01P01 S	37		43.0	12/07/72	37.7	5.3	5050	135/02W-11R01 S	37		315.6	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	12.3 12.1 11.7 11.0 10.5 9.8 8.7 9.0 9.6 10.2 10.4	303.3 303.5 303.4 304.2 305.1 305.2 306.4 306.6 306.6 305.4 305.2	5724
145/04W-01P02 S	37		18.0	12/07/72	17.7	0.3	5050	135/02W-12G01 S	37		326.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	14.1 14.0 14.0 14.4 13.6 9.9 10.6 11.5 11.6 11.9 13.5	311.9 312.0 311.6 312.6 312.6 318.1 315.4 314.5 314.4 314.1 312.5	5724
145/04W-01P04 S	37		11.0	12/07/72	9.3	1.7	5050	135/02W-12N01 S	37		315.6	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	12.1 10.7 10.2 9.7 7.4 6.8 8.1 9.0 9.4 1.2	303.5 304.1 305.4 305.9 308.2 308.4 307.5 305.6 306.2 314.4	5724
145/04W-11J02 S	37		5.0	12/07/72	1.7	3.3	5050	135/02W-12N02 S	37		318.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	15.7 14.5 13.7 13.1 12.9 9.5 11.7 10.8 12.8 13.4 14.6	302.3 303.5 304.4 304.4 305.1 308.5 306.7 307.2 305.3 304.4 303.4	5724
MOCGES HYDRO SUBUNIT MOCGES HYDRO SUBAREA							Z-05.B Z-05.B1								
125/02W-32N01 S	37		370.0	10/01/72 11/01/72 12/01/72 1/01/73 2/01/73 3/01/73 4/01/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	27.0 27.5 21.0 20.0 15.5 19.0 14.0 14.0 15.0 18.0 18.0 18.5	343.0 342.5 349.0 350.0 354.5 351.0 356.0 356.0 355.0 352.0 352.0 351.5	5724								
125/02W-35K01 S	37		420.0	12/00/72 1/00/73 2/00/73 5/00/73 6/00/73 8/00/73	27.2 16.3 18.5 23.0 31.2 31.8	392.8 403.7 401.5 397.0 388.8 388.2	5710								
125/02W-35P01 S	37		395.0	12/00/72 1/00/73 2/00/73 5/00/73 6/00/73 8/00/73	5.1 5.1 4.8 5.0 5.5 13.1	389.9 389.9 390.2 390.0 389.5 381.9	5710								
125/02W-35004 S	37		395.0	12/00/72 1/00/73 2/00/73 5/00/73 6/00/73 8/00/73	3.7 6.4 4.7 3.5 22.2 14.3	391.3 388.6 390.3 391.5 372.8 380.7	5710								
135/01W-07F01 S	37		330.8	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	15.5 15.5 17.5 16.3 17.4 15.3 12.8 14.1 13.1 13.6	315.3 315.3 313.3 314.5 313.4 315.5 318.0 316.7 317.7 317.2	5229								
135/01W-07F02 S	37		330.8	12/05/72	13.7	317.1	5050	135/02W-13C01 S	37		331.6	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	18.9 19.1 19.6 19.5 18.7 9.1 7.7 6.1 6.7 7.1 6.6	312.7 312.5 312.0 312.1 312.9 322.9 323.9 325.5 324.4 324.5 325.0	5229
135/02W-02R02 S	37		390.0	12/05/72	NM-1		5050								
135/02W-02C02 S	37		371.8 374.0	12/05/72 1/00/73 2/00/73 5/00/73 6/00/73 8/00/73	2.0 8.6 7.6 7.5 8.4 9.6	369.8 365.4 366.4 366.5 365.6 364.4	5050 5710								
135/02W-02C04 S	37		390.0	12/00/72 1/00/73 2/00/73 5/00/73 6/00/73 8/00/73	4.2 3.8 3.2 18.5 3.8 21.2	385.8 386.2 386.8 371.5 386.2 368.8	5710								
135/02W-02001 S	37		390.0	12/00/72 2/00/73 5/00/73 6/00/73 8/00/73	14.3 11.8 12.3 24.0 28.6	375.7 378.2 377.7 366.0 361.4	5710								
135/02W-02003 S	37		380.0	12/00/72 1/00/73 2/00/73 5/00/73	5.8 5.7 5.4 5.9	374.2 374.3 374.6 374.1	5710								

See page 79 for key to terms & abbreviations



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN DIEGUITO HYDRO UNIT HODGES HYDRO SUBUNIT FELICITA HYDRO SUBAREA							Z-05 Z-05.B Z-05.R3	SAN DIEGUITO HYDRO UNIT SAN PASOUAL HYDRO SUBUNIT SAN PASOUAL HYDRO SUBAREA							Z-05 Z-05.C Z-05.C2
12S/02W-27F01	S	37	670.0	12/05/72	19.0	631.0	5050	12S/01W-30A05	S		398.1	10/00/72	30.9	367.2	5229
12S/02W-27K01	S	37	622.0	12/05/72	11.6	610.4	5050					11/00/72	28.8	369.3	
12S/02W-27P02	S	37	650.0	12/05/72	15.5	634.5	5050					12/00/72	28.5	369.6	
12S/02W-28P01	S	37	700.0	12/05/72	47.4 (7)	652.6	5050					1/00/73	28.9 (1)	369.2	
12S/02W-33A01	S	37	635.0	12/05/72	22.0	613.0	5050					2/00/73	27.1	371.0	
12S/02W-33P01	S	37	596.0	12/05/72	7.0	589.0	5050					3/00/73	24.4	373.7	
12S/02W-34R01	S	37	609.0	12/05/72	9.2	599.8	5050					4/00/73	26.0	372.1	
12S/02W-34M02	S	37	610.0	12/05/72	21.5	588.5	5050	12S/01W-30J01	S		366.3	5/00/73	24.0	374.1	
BEAR HYDRO SUBAREA							Z-05.R4					6/00/73	27.7	370.4	
12S/02W-23K02	S		710.0	12/05/72	22.3	687.7	5050					7/00/73	28.6	369.5	
12S/02W-24N01	S		728.0	12/05/72	NM-6		5050					8/00/73	30.8	367.3	
12S/02W-24F02	S	37	694.0	12/05/72	8.8	685.2	5050	12S/01W-30J01	S		366.3	10/00/72	5.5	360.8	5229
12S/02W-24M02	S		675.0	12/05/72	NM-9		5050					11/00/72	7.6	362.7	
12S/02W-24N01	S	37	660.0	12/05/72	8.8	651.2	5050					12/00/72	2.6	363.7	
12S/02W-24N02	S	37	639.0	10/31/72	50.5	588.5	5711					1/00/73	1.4	364.9	
				11/30/72	40.0	599.0						2/00/73	1.6	364.7	
				12/31/72	35.0	604.0						3/00/73	0.3	366.0	
				1/31/73	36.0	603.0						4/00/73	1.7	364.6	
				5/31/73	18.0	621.0						5/00/73	1.6	364.7	
				6/30/73	24.5	614.5						6/00/73	1.8	364.5	
				7/31/73	33.0	606.0						7/00/73	1.6	364.7	
				8/31/73	36.5	602.5						8/00/73	1.7	364.6	
				9/30/73	40.0	599.0									
12S/02W-24R01	S		720.0	12/05/72	FLOW		5050	12S/01W-30M01	S	37	383.9	12/05/72	17.1	366.8	5050
12S/02W-24R03	S		765.0	12/05/72	NM-2		5050	12S/01W-30P01	S		358.8	12/00/72	18.0	340.8	5229
12S/02W-25F01	S		660.0	12/05/72	0.3	659.7	5050					1/00/73	12.4	346.4	
12S/02W-26C01	S	37	698.0	12/05/72	19.5	678.5	5050					2/00/73	11.9	347.4	
12S/02W-26H01	S	37	622.0	12/05/72	14.4	607.6	5050					3/00/73	2.6	356.2	
12S/02W-26L01	S	37	610.0	12/05/72	5.6	604.4	5050					4/00/73	1.6	357.2	
SAN PASOUAL HYDRO SUBUNIT HIGHLAND HYDRO SUBAREA							Z-05.C Z-05.C1	12S/01W-30P01	S		358.8	5/00/73	10.7	348.1	
13S/01W-05M01	S	37	758.0	12/05/72	20.0	738.0	5050					6/00/73	7.1	351.7	
SAN PASOUAL HYDRO SUBAREA							Z-05.C2	12S/01W-31J01	S		357.0	7/00/73	2.1	358.7	
12S/01W-20D01	S	37	418.4	12/05/72	14.2	404.2	5050					8/00/73	10.9	347.9	
12S/01W-20L01	S	37	403.6	12/05/72	17.6	386.0	5050	12S/01W-31L03	S		353.0	10/00/72	59.2	293.8	5229
12S/01W-20L02	S		406.9	12/05/72	NM-4		5050					11/00/72	58.5	294.5	
12S/01W-26C01	S		451.8	12/06/72	NM-9		5050					12/00/72	55.5	297.5	
12S/01W-29N01	S		378.8	10/00/72	8.9	369.7	5229					1/00/73	52.5	300.5	
				11/00/72	8.0	370.6						2/00/73	52.4	300.4	
				12/00/72	13.8	364.8						3/00/73	48.6	304.4	
				1/00/73	8.9	369.7						4/00/73	46.3	306.7	
				2/00/73	8.7	369.9						5/00/73	46.7	306.3	
				3/00/73	5.8	372.8						6/00/73	44.6	308.4	
				4/00/73	5.2	373.4						7/00/73	46.2	306.8	
				5/00/73	5.8	372.8						8/00/73	47.2	305.8	
				6/00/73	5.9	372.7									
				7/00/73	6.0	372.6									
				8/00/73	7.1	371.5									
12S/01W-29N01	S		347.0	10/00/72	49.5 (1)	297.5	5229	12S/01W-32R01	S		372.9	10/00/72	20.6	352.3	5229
				11/00/72	36.3	310.7						11/00/72	21.1	351.4	
				12/00/72	35.7	311.3						12/00/72	21.2	351.7	
				1/00/73	31.5	315.5						1/00/73	21.0	351.4	
				2/00/73	31.9	315.1						2/00/73	20.9	352.0	
				4/00/73	32.3	314.7						3/00/73	22.0	350.4	
				5/00/73	32.5	314.5						4/00/73	21.9	351.0	
				6/00/73	34.4	312.6						5/00/73	22.2	350.7	
				7/00/73	38.6	308.4						6/00/73	22.3	350.6	
				8/00/73	40.5	306.5						7/00/73	22.2	350.7	
												8/00/73	23.1	349.8	
12S/01W-30A01	S		375.7	10/00/72	8.4	367.3	5229	12S/01W-32M03	S		357.0	10/00/72	66.6	290.4	5229
				11/00/72	4.6	371.1						11/00/72	64.0	293.0	
				12/00/72	5.9	369.8						12/00/72	56.0	301.0	
				1/00/73	5.1	370.6						1/00/73	52.7	304.3	
				2/00/73	5.4	371.3						2/00/73	52.1	304.9	
				3/00/73	4.6	371.1						3/00/73	52.1	304.9	
				4/00/73	4.6	371.1						4/00/73	56.8	300.2	
				5/00/73	12.6	363.1						5/00/73	51.0	306.0	
				6/00/73	10.6	365.1						6/00/73	54.4	302.6	
				7/00/73	17.9	357.8						7/00/73	55.6	301.4	
				8/00/73	18.0	357.7						8/00/73	54.4	302.6	
								12S/01W-32O01	S		366.4	10/00/72	50.0	316.4	5229
												11/00/72	43.5	322.9	
												12/00/72	42.7	323.7	
												1/00/73	41.6	324.8	
												3/00/73	39.2	327.2	
												4/00/73	32.1	334.3	
												5/00/73	33.4	331.0	
												6/00/73	39.3	327.1	
												7/00/73	44.3	322.1	
												8/00/73	47.8	318.6	
								12S/01W-32O02	S		367.0	10/00/72	41.5	325.5	5229
												11/00/72	41.6	325.4	
												12/00/72	39.7	326.3	
												1/00/73	39.5	326.5	
												2/00/73	40.4	326.6	
												3/00/73	30.9	336.1	
												4/00/73	29.0	338.0	
												5/00/73	32.4	334.6	

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TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SAN DIEGUITO HYDRO UNIT SAN PASOQUAL HYDRO SUBUNIT SAN PASOQUAL HYDRO SUBAREA							Z-05 Z-05.C Z-05.C2	SAN DIEGUITO HYDRO UNIT SAN PASOQUAL HYDRO SUBUNIT SAN PASOQUAL HYDRO SUBAREA							7-05 Z-05.C Z-05.C2
12S/01W-32002 S (CONTINUED)			367.0	6/00/73 7/00/73 8/00/73	34.2 34.7 39.2	332.8 332.3 327.8	5229	12S/01W-35C05 S (CONTINUED)			429.0	3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	27.6 21.3 20.3 20.9 20.6 21.0	401.4 407.7 408.7 408.1 408.4 408.0	5229
12S/01W-32003 S			367.0	11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73	44.0 43.0 41.8 40.5 39.0 31.0 19.4 46.0 42.7	323.0 324.0 325.2 326.5 328.0 336.0 327.6 321.0 324.3	5229	12S/01W-35C06 S			430.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	29.3 39.7(1) 37.2 38.0 33.6 28.3 26.3 22.9 31.0 27.9 26.6	400.7 390.3 392.4 392.0 396.4 401.7 403.7 407.1 399.0 402.1 403.4	5229
12S/01W-33N01 S			378.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73	44.3 45.1 44.3 42.3 40.8 38.3 32.8 33.0 17.4 40.2	333.7 332.9 333.7 335.7 337.2 339.7 345.2 345.0 340.6 337.8	5229	12S/01W-35D02 S			419.3	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	26.3 26.6 25.9 25.7 25.3 20.2 11.6 13.5 13.5 14.3 15.9	393.0 392.7 393.4 393.6 394.0 399.1 405.7 405.4 405.4 405.0 403.4	5229
12S/01W-34J01 S			414.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	28.7 28.6 28.1 27.9 27.5 25.5 21.6 19.4 20.9 21.0 22.4	385.3 385.4 385.9 386.1 386.5 368.5 392.4 394.6 393.1 393.0 391.6	5229	12S/01W-35F01 S			429.6	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	35.3 34.8 33.9 33.7 33.4 33.5 23.2 21.4 21.3 21.5 21.7	394.3 394.4 395.7 395.4 396.2 396.1 406.4 408.2 408.3 408.1 407.9	5229
12S/01W-34K02 S			408.8	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	32.3 32.5(1) 31.3 30.7(1) 38.3(1) 29.7(1) 32.5 24.0 23.5 24.5 29.7	376.5 376.3 377.5 378.1 370.5 379.1 376.3 384.8 385.3 384.3 379.1	5229	12S/01W-35F02 S			429.5	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	34.8 34.7 34.3 34.0 33.7 33.7 24.2 22.4 22.1 22.3 22.8	394.7 394.4 395.2 395.5 395.4 395.4 405.3 407.1 407.4 407.2 406.7	5229
12S/01W-34P07 S			400.3	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	29.4 30.1 30.4 31.3 30.1 29.8 28.8 27.4 26.7 26.6 27.4	370.9 370.2 369.9 369.0 370.2 370.5 371.5 372.9 373.6 373.7 372.9	5229	12S/01W-35G02 S			434.7	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	36.3 36.3 36.2 36.1 35.7 34.3 27.5 26.7 26.1 25.7 25.8	398.4 398.4 398.5 398.6 399.0 400.4 407.4 408.6 408.2 408.2 412.7	5229
12S/01W-35A01 S			443.4	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	46.6 42.9 44.2 43.9 43.5 34.9 23.9 15.0 33.9 33.8 29.6	396.8 397.5 399.2 399.5 399.9 408.5 419.5 428.4 409.5 409.6 413.8	5229	12S/01W-35H02 S			444.3	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	46.8 47.4 45.4 45.0 44.8 42.8 27.5 26.2 27.1 28.1 31.6	397.5 396.4 396.9 399.3 399.5 401.5 407.4 408.6 408.2 410.3 411.4	5229
12S/01W-35R03 S			437.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	41.3 40.0 39.5 39.1 38.9 34.9 23.0 21.7 23.9 25.3 25.3	395.7 397.0 397.5 397.9 398.1 402.1 414.0 415.3 413.1 411.7 411.7	5229	12S/01W-35L04 S			430.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	37.5(1) 37.9(1) 38.0(1) 37.8(1) 38.0(1) 37.8 33.3 31.7 29.1 26.1 27.1	392.5 392.1 392.0 392.2 392.0 392.2 396.7 394.3 400.9 403.9 402.9	5229
12S/01W-35C01 S			426.5	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	29.6 30.5 30.0 29.9 29.7 24.8 18.3 17.3 17.9 19.1 19.9	396.9 396.0 396.5 396.6 396.8 401.7 408.2 409.2 408.6 407.4 406.6	5229	12S/01W-36P01 S			448.1	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	48.5 49.2 46.6 46.9 46.4 32.9 22.9 22.5 25.5 26.3 30.4	399.6 398.9 401.5 401.2 401.7 415.2 425.2 425.6 422.6 421.9 417.7	5229
12S/01W-35C05 S			429.0	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73	29.1 29.9 30.0 30.7 29.8	399.9 399.1 399.0 398.3 399.2	5229								

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN DIEGUITO HYDRO UNIT SAN RASQUAL HYDRO SUBUNIT SAN RASQUAL HYDRO SUBAREA							Z-05 Z-05.C Z-05.C2	SAN DIEGUITO HYDRO UNIT SANTA MARIA VALLEY HYDRO SUBUNIT RAMONA HYDRO SUBAREA							Z-05 Z-05.D Z-05.D1
125/01W-36D03 S			444.5	11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	48.2 44.3 44.2 43.6 33.9 23.3 23.9 24.3 15.4 29.9	396.3 400.2 400.3 400.9 410.6 421.2 420.6 420.2 409.1 414.6	5229	135/01E-11M02 S (CONTINUED)			1455.5	2/29/73 3/30/73 4/30/73 5/31/73 6/28/73 8/02/73 9/30/73	14.3 10.7 8.3 8.9 11.2 11.0 10.9	1441.2 1444.8 1447.2 1446.6 1444.3 1444.5 1444.6	4402
125/01W-36F01 S			458.5	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 5/00/73 6/00/73 7/00/73 8/00/73	51.6 52.5 53.1 53.5 48.5 19.2 20.8 23.3 26.9	406.9 406.0 405.4 405.0 410.0 439.3 437.7 435.2 431.6	5229	135/01E-11M03 S			1465.0	10/31/72 12/01/72 1/03/73 2/28/73 3/30/73 4/30/73 5/31/73 6/28/73 8/02/73 9/30/73	15.8 15.3 14.9 13.9 8.9 7.5 8.1 8.8 9.7 10.1	1449.2 1449.7 1450.1 1451.1 1456.1 1457.5 1456.9 1456.2 1455.3 1454.4	4402
135/01W-03E01 S			399.2	11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	38.2 46.9 33.5 32.3 24.2 18.2 18.0 14.7 36.4 33.8	361.0 362.3 365.7 366.9 375.0 381.0 381.2 384.5 362.8 365.4	5229	135/01E-11002 S			1480.0	12/06/72	11.6	1468.4	5050
135/01W-05A02 S			372.6	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	38.0 48.2 46.4 45.1 43.9 43.0 43.4 44.2 54.3 53.4 54.5	334.6 324.4 326.2 327.5 328.7 329.6 329.2 328.4 318.3 319.2 318.1	5229	135/01E-15A01 S			1425.0	10/31/72 12/01/72 1/03/73 2/28/73 3/30/73 4/30/73 5/31/73 6/28/73 8/02/73 9/30/73	14.9 12.2 14.9 11.6 7.8 9.5 9.9 12.7 14.2 11.5	1410.1 1412.2 1410.1 1413.4 1417.2 1415.5 1415.1 1412.3 1410.8 1413.5	4402
135/01W-06M01 S			334.3	10/00/72 11/00/72 12/00/72 1/00/73 2/00/73 3/00/73 4/00/73 5/00/73 6/00/73 7/00/73 8/00/73	25.6 25.7 24.5 24.1 22.9 20.2 19.3 18.8 21.2 23.1 29.3	308.7 308.6 309.8 310.2 311.4 314.1 315.0 315.5 313.1 311.2 305.0	5229	135/01E-15B02 S			1435.0	10/31/72 12/01/72 1/03/73 2/28/73 3/30/73 4/30/73 5/31/73 6/28/73 8/02/73 9/30/73	14.7 13.1 12.3 10.4 6.0 6.6 7.5 8.1 9.0 9.8	1420.3 1421.9 1422.7 1424.6 1429.0 1428.4 1427.5 1426.9 1426.0 1425.2	4402
SANTA MARIA VALLEY HYDRO SUBUNIT RAMONA HYDRO SUBAREA							Z-05.D Z-05.D1	135/01E-15E03 S			1440.0	12/06/72	11.4	1428.2	5050
125/01E-34P01 S			1570.0	12/06/72	28.6	1541.4	5050	135/01E-15M01 S			1410.0	10/31/72 12/01/72 1/03/73 2/28/73 3/30/73 4/30/73 5/31/73 6/28/73 8/02/73 9/30/73	7.2 7.0 7.0 6.8 6.7 7.0 6.9 7.2 7.2 7.3	1402.8 1403.0 1403.2 1403.3 1403.0 1403.1 1402.8 1402.4 1402.7	4402
135/01E-02P02 S	37		1518.0	12/06/72	12.4	1505.6	5050	135/01E-16P01 S			1405.0	12/06/72	8.1	1396.4	5050
135/01E-03K01 S	37		1515.0	12/06/72	36.8	1478.2	5050	135/01E-16P03 S			1399.0	12/06/72	NM-1		5050
135/01E-10J01 S			1465.0	10/31/72 12/01/72 1/03/73 2/28/73 3/30/73 4/30/73 5/31/73 6/28/73 8/02/73 9/30/73	16.6 15.7 14.7 13.8 10.9 8.9 9.3 10.2 10.9 11.4	1448.4 1449.3 1450.3 1451.2 1454.1 1456.1 1455.7 1454.8 1454.1 1453.6	4402	135/01E-17002 S			1390.0	12/06/72	17.2	1372.8	5050
135/01E-10P01 S			1450.0	10/31/72 12/01/72 1/03/73 2/29/73 3/30/73 4/30/73 5/31/73 6/28/73 8/02/73 9/30/73	15.8 14.7 14.0 12.0 8.6 8.0 8.3 9.2 10.1 10.9	1434.2 1435.3 1436.0 1438.0 1441.4 1442.0 1441.7 1440.8 1439.9 1439.1	4402	135/01E-22P01 S			1423.0	12/06/72	30.5	1392.5	5050
135/01E-11M01 S	37		1465.0	10/31/72 12/01/72 1/03/73 2/28/73 3/30/73 4/30/73 5/31/73 6/28/73 8/02/73 9/30/73	15.8 13.9 13.4 12.7 5.5 7.1 7.9 9.3 9.2 9.8	1449.2 1451.1 1451.6 1452.3 1459.5 1457.9 1457.1 1455.7 1455.8 1455.2	4402	135/01E-23K01 S			1520.0	12/06/72	47.7	1472.3	5050
135/01E-11M02 S	37		1455.5	10/31/72 12/01/72 1/03/73	16.4 15.5 14.9	1439.1 1440.0 1440.6	4402	135/01E-27A01 S			1455.0	12/06/72	19.8	1435.2	5050
								135/01E-28C01 S			1420.0	12/06/72	20.9	1399.1	5050
								135/01E-29P01 S			1435.0	12/06/72	25.1	1409.9	5050
								135/01W-24K01 S			1360.0	12/06/72	2.1	1357.9	5050
								LOWER MATFIELD HYDRO SUBAREA							Z-05.D2
								135/02E-17C01 S			1820.0	12/06/72	26.5	1793.5	5050
								WASH HOLLOW HYDRO SUBAREA							Z-05.03
								135/02E-15F01 S			2070.0	12/06/72	NM-9		5050
								UPPER MATFIELD HYDRO SUBAREA							Z-05.04
								135/02E-09H01 S			2318.0	12/06/72	14.8	2303.2	5050
								BALLENA HYDRO SUBAREA							Z-05.D5
								135/02E-10K01 S			2460.0	12/06/72	22.6	2437.4	5050
								135/02E-11C01 S			2490.0	12/06/72	15.5	2474.5	5050
								EAST SANTA TERESA HYDRO SUBAREA							Z-05.06
								135/02E-03E01 S			2520.0	12/06/72	34.9(16)	2485.1	5050



TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA
SAN DIEGUITO HYDRO UNIT							Z-05	SAN DIEGO HYDRO UNIT							Z-07
SANTA MARIA VALLEY HYDRO SUBUNIT							Z-05.D	LOWER SAN DIEGO HYDRO SUBUNIT							Z-07.A
WEST SANTA TERESA HYDRO SUBAREA							Z-05.07	SANTFE HYDRO SUBAREA							Z-07.A2
125/02E-32H01 S	37		2345.0	12/06/72	13.6	2331.4	5050	155/01E-17R01 S	37		430.0	10/01/72	62.3	367.7	5420
SANTA YSABEL HYDRO SUBUNIT							Z-05.E					11/01/72	62.6	367.4	
BOOEN HYDRO SUBAREA							Z-05.E1					12/01/72	62.1	367.9	
125/01E-34001 S			1595.0	12/06/72	NM-9		5050					1/01/73	62.3	367.7	
135/01F-03P01 S	37		1497.0	12/06/72	31.3	1465.7	5050					3/01/73	62.0	368.0	
PANO HYDRO SUBAREA							Z-05.E2					4/02/73	61.9	368.1	
125/01E-02L01 S	37		1040.0	12/06/72	19.2	1020.8	5050	155/01E-17R02 S	37		425.0	10/01/72	61.2	363.8	5420
125/01E-02P01 S	37		1030.0	12/06/72	9.6	1020.4	5050					11/01/72	61.6	363.4	
SANTA YSABEL HYDRO SUBAREA							Z-05.E4					12/01/72	60.3	364.7	
125/03E-16C01 S	37		2960.0	12/06/72	7.1	2952.9	5050					1/01/73	60.7	364.3	
125/03E-20R01 S			2870.0	12/06/72	7.2	2862.8	5050					3/01/73	58.7	366.3	
												4/02/73	60.0	365.0	
												5/01/73	61.0	366.0	
												6/01/73	61.4	363.6	
												7/01/73	59.6	365.4	
												8/01/73	61.1	363.9	
												9/01/73	61.3	363.7	
								155/01E-17H02 S	37		430.0	10/01/72	63.4	366.6	5420
												11/01/72	63.6	366.4	
												12/01/72	63.9	366.1	
												1/01/73	64.0	366.0	
												3/01/73	64.2	365.8	
												4/02/73	64.3	365.7	
												5/01/73	64.4	365.6	
												6/01/73	64.5	365.5	
												7/01/73	64.6	365.4	
												8/01/73	64.7	365.3	
												9/01/73	64.7	365.3	
								155/01E-17H07 S	37		435.0	10/01/72	62.5	372.5	5420
												11/01/72	62.8	372.2	
												12/01/72	63.0	372.0	
												1/01/73	63.1	371.9	
												4/02/73	62.2	372.8	
												5/01/73	62.7	372.3	
												6/01/73	63.1	371.9	
												7/01/73	63.6	371.4	
												9/01/73	63.8	371.2	
								155/01E-20R04 S			476.6	10/01/72	38.3	438.3	5420
												11/01/72	38.0	438.6	
												12/01/72	25.0	451.6	
												1/01/73	25.2	451.4	
												3/01/73	28.3	448.3	
												4/02/73	15.6	461.0	
												5/01/73	15.7	460.9	
												6/01/73	28.6	448.0	
												7/01/73	27.8	448.8	
												9/01/73	30.6	446.0	
								EL MONTE HYDRO SUBAREA							Z-07.A5
								155/01E-09P01 S	37		445.0	10/01/72	63.6	381.4	5420
												11/01/72	63.8	381.2	
												12/01/72	63.9	381.1	
												1/01/73	64.0	381.0	
												3/01/73	64.3	380.7	
												4/02/73	64.5	380.5	
												5/01/73	64.7	380.3	
												6/01/73	64.7	380.3	
												7/01/73	64.8	380.2	
												8/01/73	64.9	380.1	
												9/01/73	65.0	380.0	
								155/01F-09002 S	37		460.0	10/01/72	64.9	395.1	5420
												11/01/72	65.1	394.7	
												12/01/72	65.2	394.8	
												1/01/73	65.3	394.7	
												3/01/73	65.4	394.6	
												4/02/73	65.5	394.5	
												5/01/73	65.7	394.3	
												6/01/73	65.8	394.2	
												7/01/73	65.9	394.1	
												8/01/73	66.0	394.0	
												9/01/73	66.2	393.8	
								155/01E-09R01 S	37		450.0	10/01/72	61.5	388.5	5420
												11/01/72	61.6	388.4	
												12/01/72	61.7	388.3	
												1/01/73	61.8	388.2	
												3/01/73	62.0	388.0	
												4/02/73	62.0	388.0	
												5/01/73	62.1	387.9	
												6/01/73	62.2	387.8	
												7/01/73	62.5	387.5	
												8/01/73	62.6	387.4	
												9/01/73	62.7	387.3	
								155/01F-10N01 S	37		450.0	10/01/72	62.4	387.6	5420
												11/01/72	62.5	387.5	
												12/01/72	62.4	387.6	
												1/01/73	62.8	387.2	
												3/01/73	63.0	387.0	
												4/02/73	62.7	387.3	

See page 79 for key to terms & abbreviations

TABLE C-1  
GROUND WATER LEVELS AT WELLS

SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLY-ING DATA
SAN DIEGO HYDRO UNIT LOWER SAN DIEGO HYDRO SUBUNIT EL MONTE HYDRO SUBAREA						Z-07 Z-07.A Z-07.A5		SWEETWATER HYDRO UNIT LOWER SWEETWATER HYDRO SUBUNIT SWEETWATER HYDRO SUBAREA						Z-09 Z-09.A Z-09.A2	
155/01E-10N01 S 37 (CONTINUED)			450.0	5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	62.9 63.0 63.3 63.6 63.8	387.1 387.0 386.7 386.4 386.2	5420	175/01W-19J01 S 37			96.4	12/02/72 1/02/73 2/06/73 3/05/73 4/02/73 5/08/73 6/04/73 7/02/73 8/02/73	16.2 13.2 11.2 9.4 10.3 10.9 11.4 11.9 12.7	80.2 83.2 85.2 87.0 86.1 85.5 85.0 84.5 83.7	5709
155/01E-16R01 S 37			451.5	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	64.1 64.3 64.4 64.6 64.7 64.8 65.0 65.1 65.3 65.4 65.5	387.4 387.2 387.1 386.9 386.8 386.7 386.5 386.4 386.2 386.1 386.0	5420	175/01W-19K01 S 37			91.0	12/02/72 1/02/73 2/06/73 3/05/73 4/02/73 5/08/73 6/04/73 7/02/73 8/02/73	12.9 9.9 6.9 7.3 7.3 7.8 9.3 9.9 10.1	74.1 81.1 84.1 83.7 83.7 83.2 81.7 81.1 80.9	5709
155/01E-16C02 S 37			440.0	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	59.2 59.4 59.5 59.7 60.0 60.1 60.2 60.3 60.3 60.5 60.7	380.8 380.6 380.5 380.3 380.0 379.9 379.8 379.7 379.7 379.5 379.3	5420	175/01W-20F01 S 37			99.7	2/06/73 4/02/73 5/08/73	9.8 10.7 10.7	89.9 84.0 84.0	5709
155/01E-16C03 S 37			448.5	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	63.7 64.0 64.1 64.2 64.5 64.6 64.8 64.8 64.9 65.1 65.1	384.8 384.5 384.4 384.3 384.0 383.9 383.7 383.7 383.6 383.4 383.4	5420	175/01W-30F01 S 37			71.6	12/02/72 1/02/73 2/06/73 3/05/73 4/02/73 5/08/73 6/04/73 7/02/73 8/02/73	8.2 6.3 4.9 3.7 2.7 3.5 3.9 4.2 5.2	63.4 65.3 66.7 67.4 66.4 66.1 67.7 67.4 66.4	5709
155/01E-16C04 S 37			445.0	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	63.2 63.4 63.5 63.6 63.9 64.0 64.2 64.3 64.3 64.5 64.6	381.8 381.6 381.5 381.4 381.1 381.0 380.8 380.7 380.7 380.5 380.4	5420	175/02W-25P04 S 37			55.0	1/02/73 2/06/73 3/05/73 4/02/73 5/08/73 6/04/73 7/02/73 8/02/73	6.4 5.3 4.8 3.8 4.4 5.1 5.5 5.9	48.6 49.7 50.2 51.2 50.6 49.9 49.5 49.1	5709
155/01E-16E01 S 37			435.0	10/01/72 11/01/72 12/01/72 1/01/73 3/01/73 4/02/73 5/01/73 6/01/73 7/01/73 8/01/73 9/01/73	60.7 61.0 61.1 61.3 61.6 61.7 61.8 61.8 61.9 62.0 62.1	374.3 374.0 373.9 373.7 373.4 373.3 373.2 373.2 373.1 373.0 372.9	5420	MIDDLE SWEETWATER HYDRO SUBUNIT JAMACHA HYDRO SUBAREA				Z-09.H Z-09.H1			
								165/01E-21M01 S			414.3	11/13/72 12/02/72 1/02/73 2/06/73	DRY DRY DRY DRY		5709
								165/01E-31003 S 37			325.8	11/13/72 12/02/72 1/02/73 2/06/73 3/05/73 4/02/73 5/08/73 6/04/73 7/02/73 8/02/73	9.2 8.3 9.2 8.3 7.3 6.3 2.0 3.1 3.9 4.8	316.6 317.5 316.6 317.5 318.5 319.5 323.8 322.7 321.9 321.0	5709
								175/01W-01002 S			295.4	11/13/72 12/02/72 1/02/73 2/06/73	DRY DRY DRY DRY		5709

TABLE C-1  
GROUND WATER LEVELS AT WELLS  
SOUTHERN CALIFORNIA

STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	COUNTY	AQUIFER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEV. IN FEET	AGENCY SUPPLYING DATA	
							7-11									
							7-11.A									
							7-11.A1									
TIA JUANA HYDRO UNIT																
TIA JUANA HYDRO SURUNIT																
TIA JUANA HYDRO SURAREA																
185/02W-33M03	5	37	17.0	12/04/72	14.3	2.7	5050									
195/02W-01E01	5	37	45.5	12/04/72	36.2	9.3	5050									
195/02W-01N02	5	37	50.2	10/03/72	48.1	2.1	5015									
				11/01/72	44.9	5.3										
				12/01/72	44.2	6.0										
				1/02/73	47.0	3.2										
				2/05/73	44.2	6.0										
				3/02/73	44.8	5.4										
				4/02/73	41.7	8.5										
				5/04/73	40.4	9.8										
				6/01/73	39.8	10.4										
				7/06/73	39.7	10.5										
				8/01/73	39.3	10.9										
				9/04/73	38.9	11.3										
195/02W-02D01	5	37	39.5	12/04/72	38.3(4)	1.2	5050									
195/02W-02K01	5	37	44.9	10/03/72	40.2	4.7	5015									
				11/01/72	40.0	4.9										
				12/01/72	39.4	5.5										
				1/02/73	38.8	6.1										
				2/05/73	38.6	6.3										
				3/02/73	38.8	6.1										
				4/02/73	37.1	7.8										
				5/04/73	36.9	8.0										
				6/01/73	37.1	7.8										
				7/06/73	37.0	7.9										
				8/01/73	37.1	7.8										
				9/04/73	37.2	7.7										
195/02W-02P07	5	37	38.0	10/03/72	30.2	7.8	5015									
				11/01/72	30.6	7.4										
				12/01/72	30.6	7.4										
				1/02/73	30.5	7.5										
				2/05/73	30.3	7.7										
				3/02/73	30.2	7.8										
				4/02/73	29.9	8.1										
				5/04/73	29.3	8.7										
				6/01/73	28.9	9.1										
				7/06/73	28.7	9.3										
				8/01/73	28.8	9.2										
				9/04/73	29.1	8.9										
195/02W-05J01	5	37	13.0	12/04/72	11.3	1.7	5050									
MONUMENT HYDRO SURUNIT							7-11.0									
PINE HYDRO SUBAREA							7-11.01									
155/04F-26J01	5	37	3851.0	10/00/72	46.5	3804.5	5723									
				11/00/72	47.0	3804.0										
				12/00/72	47.0	3804.0										
				1/00/73	47.0	3804.0										
				2/00/73	47.0	3804.0										
				3/00/73	47.0	3804.0										
				4/00/73	47.0	3804.0										
				5/00/73	47.5	3803.5										
				6/00/73	47.5	3803.5										
				7/00/73	48.0	3803.0										
				8/00/73	48.0	3803.0										
				9/00/73	48.0	3803.0										
155/04F-36F01	5	37	4000.0	10/00/72	28.5	3971.5	5723									
				11/00/72	29.5	3970.5										
				12/00/72	29.5	3970.5										
				1/00/73	29.5	3970.5										
				2/00/73	29.5	3970.5										
				3/00/73	30.0	3970.0										
				4/00/73	30.0	3970.0										
				5/00/73	30.5	3969.5										
				6/00/73	30.5	3969.5										
				7/00/73	30.0	3970.0										
				8/00/73	30.0	3970.0										
				9/00/73	29.5	3970.5										



TABLE C-2  
GROUND WATER REPLENISHMENT IN SOUTHERN CALIFORNIA  
DURING THE 1972-73 WATER YEAR

Acreal designation code number	Project	Agency* conducting spreading operation	Source of recharge water	Amount spread, in acre-feet												Total
				Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
U-03.A1	El Rio	UWCD	Local	0	2,346	2,027	2,105	919	2,922	9,072	2,287	0	0	945	1,544	24,167
U-03.A1	Saticoy	UWCD	Local	256	261	700	586	187	3,289	6,156	4,094	1,521	2,861	3,329	4,454	27,694
U-03.D1	Piru	UWCD	Local	0	0	0	0	0	0	3,465	3,886	144	0	0	0	7,495
U-05.A2	Dominguez	LACFCD	Local	86	141	25	51	75	112	175	217	16	176	0	0	1,074
U-05.A2	Dominguez Barrier	LACFCD	Imported	874	887	900	781	534	718	698	754	707	726	547	542	8,468
U-05.A2	Wateria	LACFCD	Local	Not available												
U-05.A2	West Coast Basin Barrier	LACFCD	Imported	1,850	2,417	2,507	2,342	1,991	2,189	2,291	2,503	2,464	2,500	2,549	2,546	28,149
U-05.A5	Rio Hondo Combined System	LACFCD	Combined	765	4,022	7,891	7,085	12,262	8,559	5,326	8,109	9,218	7,593	8,905	2,532	82,267
U-05.A5	San Gabriel Spreading System	LACFCD	Combined	0	1,931	954	1,793	2,206	2,075	1,351	1,550	580	3,262	2,000	1,501	19,203
U-05.B1	Branford	LACFCD	Local	33	115	73	0	0	0	1	0	0	0	0	0	222
U-05.B1	Headworks, Los Angeles River	LADW&P	Local	572	399	492	369	239	430	589	689	524	0	314	565	5,182
U-05.B1	Big Tujunga	LADW&P	Local	0	0	0	0	2,274	0	0	0	0	0	0	0	2,274
U-05.B1			Imported	0	0	0	0	0	0	0	0	0	0	0	0	0
U-05.B1	Pacoima	LACFCD	Local	0	182	156	222	1,502	2,777	968	536	0	0	0	0	6,343
U-05.B3	Hansen	LACFCD	Local	0	0	0	0	4,196	4,113	963	0	0	0	1,887	596	11,755
U-05.B3	Lopez	LACFCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	
U-05.C1	Eaton Spreading Grounds	LACFCD	Local	0	0	0	0	136	670	820	10	53	0	0	0	1,689
U-05.C1	Arroyo Seco	LACFCD	Local	0	19	6	55	357	620	157	0	0	0	0	0	1,214
U-05.C3	Santa Anita	LACFCD	Local	0	0	15	25	141	280	156	88	20	0	7	0	732
U-05.C3	Sierra Madre	CSMWD	Local	0	8	131	318	469	844	568	305	286	151	0	0	3,235
U-05.D1	Ben Lomond	LACFCD	Local	119	162	252	318	752	643	547	467	726	846	147	130	5,109
U-05.D1	Big Dalton	LACFCD	Local	0	0	0	0	328	453	328	95	0	0	48	0	1,253
U-05.D1	Buena Vista	LACFCD	Local	32	73	40	108	176	72	0	1	0	0	0	0	502
U-05.D1	Citrus	LACFCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	
U-05.D1	Eaton Spreading Basin	LACFCD	Local	9	192	151	169	271	242	77	18	0	0	15	14	1,158
U-05.D1	Irwindale	LACFCD	Local	4	272	322	265	941	869	123	0	0	0	0	0	2,796
U-05.D1	Little Dalton	LACFCD	Local	0	0	0	0	106	232	1	133	0	0	12	0	484
U-05.D1	Peck Road	LACFCD	Local	6	356	348	497	3,600	1,490	0	86	40	15	20	42	7,100
U-05.D1	Forbes	LACFCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	
U-05.D1	San Dimas Canyon	LACFCD	Local	21	0	0	117	196	73	482	263	165	0	1	0	1,318
U-05.D1	Santa Fe	LACFCD	Local	0	5,200	277	0	7,465	13,550	13,007	8,520	1,328	73	0	0	49,420
U-05.D1	Sawpit	LACFCD	Local	0	67	0	124	137	560	118	58	99	75	70	88	1,396
U-05.D1	Walnut	LACFCD	Local	12	13	24	69	18	11	35	26	166	119	78	98	669
U-05.D3	Eastside Mouth Canyon Basin	SGRSC	Local	300	857	691	691	1,091	2,110	1,635	1,661	1,391	2,255	2,213	0	14,995
U-05.D3	San Gabriel River**	CAWC	Imported	288	0	877	0	750	0	1,695	0	1,729	0	1,679	613	7,631
U-05.E3	Live Oak	LACFCD	Local	0	0	0	0	43	11	34	0	0	0	0	0	88
U-05.E3	Thompson	LACFCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	
U-05.F1	Alamitos Barrier	LACFCD	Imported	456	455	449	378	289	376	391	449	426	469	533	509	5,180
U-05.F1	Carbon Creek System	OCPCD	Local	0	497	161	170	680	362	0	0	0	0	0	0	1,870
U-05.F1			Imported	0	70	150	0	0	0	0	0	0	0	0	0	220
U-05.F1	Crill Memorial Pit	OCWD	Imported	0	9,844	9,690	5,385	6,787	5,695	4,939	5,084	4,962	2,419	0	4,441	59,246
U-01.A1	Irvine	OCWD	Imported	0	0	0	0	0	0	0	0	0	0	0	0	0
U-01.A1	Santa Ana River	OCWD	Imported	28	19	6	95	0	0	56	140	55	22	5	7	433
U-01.A3	Batavia-Fletcher	SAVIC	Local	0	0	0	0	0	0	0	0	0	0	0	0	
U-01.B1	Day Canyon	EWC	Local	0	57	60	4	49	62	62	121	86	84	68	39	692
U-01.B1	Day Creek	SBCFCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	
U-01.B1	Eighth Street	SBCFCD	Local	3	11	12	26	39	30	0	0	0	0	0	0	121
U-01.B1	Linden	SBCFCD	Local	0	9	3	0	0	0	0	0	0	0	0	0	12
U-01.B1	Montclair	SBCFCD	Local	0	8	21	12	68	37	0	0	0	0	0	0	146
U-01.B1	San Seavine	SBCFCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	
U-01.B3	City of Pomona	CPWD	Local	0	0	0	0	533	1,448	1,404	2,640	700	0	0	0	6,725
U-01.B4	Red Hill	SBCFCD	Local	0	11	0	23	186	0	0	0	0	0	0	0	220
U-01.B4	19th St. & Cucamonga	SAWC	Local	19	135	179	259	800	1,198	1,320	746	468	142	67	36	5,369
U-01.C1	Mayhew Wash	TWC	Local	0	25	48	53	239	220	59	0	0	0	0	0	644
U-01.C4	Indian Creek	TWC	Local	0	0	45	49	44	0	0	0	0	0	0	0	138
U-01.C4	Horsethief Creek	TWC	Local	0	12	8	0	0	0	13	0	0	0	0	0	33
U-01.C4	Cow Creek	TWC	Local	0	6	9	0	33	22	1	0	0	0	0	0	71
U-01.E2	City Creek	SBCFCD	Local	72	303	279	519	1,700	2,410	-877	363	157	60	41	26	6,807
U-01.E3	Devil Canyon	SBCFCD	Local	15	45	159	257	715	528	334	511	400	935	564	115	4,578
U-01.E2	Patton	SBCFCD	Local	7	19	2	17	15	21	8	0	0	0	0	0	89
U-01.E2	Waterman & East Twin Creek	SBCFCD	Local	82	411	1,337	3,068	2,153	1,448	579	2,293	914	2,681	3,820	997	19,783
U-01.E3	Santa Ana River	SBVWCD	Local	0	184	357	1,194	3,218	4,549	4,042	3,230	1,471	0	0	0	18,245
U-01.E4	Mill Creek (Lower)	SBVWCD	Local	0	21	0	0	0	388	699	1,335	429	0	0	0	2,932
U-01.E9	Lytle Creek	FUWC	Local	0	61	153	35	5,348	2,137	847	94	6	1	1	5	8,688
U-01.F9	Little San Geronio	RCFC&WCD	Local	0	0	0	0	0	15	0	0	0	0	0	0	15
U-02.B1	Bautista Creek	RCFC&WCD	Local	0	0	0	0	0	0	0	0	0	0	0	0	
U-01.B1	San Jacinto	ENWD	Local	0	0	0	0	456	462	0	0	0	0	0	0	918

Abbreviation of agencies conducting spreading operations are presented in alphabetical order: CAWC, California-American Water Company; CPWD, City of Pomona Water Department; CSMWD, City of Sierra Madre Water Department; ENWD, Eastern Municipal Water District; EWC, Etiwanda Water Co.; FUWC, Fontana Union Water Co.; LACFCD, Los Angeles County Flood Control District; LADW&P, Los Angeles Department of Water and Power; OCPCD, Orange County Flood Control District; OCWD, Orange County Water District; RCFC&WCD, Riverside County Flood Control & Water Conservation District; SAVIC, Santa Ana Valley Irrigation Co.; SAWC, San Antonio Water Co.; SBCFCD, San Bernardino County Flood Control District; SBVWCD, San Bernardino Valley Water Conservation District; SGRSC, San Gabriel River Spreading Corporation; TWC, Temescal Water Company; UWCD, United Water Conservation District.

\* Monthly amounts.



Appendix D  
SURFACE WATER QUALITY DATA





## Appendix D

### SURFACE WATER QUALITY DATA

This appendix presents surface water quality data collected during the period from October 1, 1972, through September 30, 1973. The data were collected from 123 stream and lake sampling stations in Southern California in cooperation with other state, local and federal agencies.

These stations are listed in Table D-1 and the locations of the stations are shown in Figure D-1 through D-6. Water quality sampling stations have been identified by an eight-digit number, i.e., Z-6-1300.00. The first digit designates the area in which the station is located. The second digit designates river basin or valley floor. The third digit designates the particular stream or reach of stream in the river basin; the next five digits are numbers assigned to the particular station. Station numbers have been assigned according to the Department of Water Resources Bulletin No. 157, "Index of Stream Gaging Stations In and Adjacent to California, 1970." At the time of field sampling, dissolved oxygen, pH, and water temperature are determined; an estimate of the flow is made; and the gage height and time are noted. Comments on local conditions are noted in field books which are available in the files of the Department of Water Resources, Southern District.

The mineral constituents were determined in accordance with methods described in "Standard Methods for the Examination of Water and Waste Water", prepared and published jointly by the American Public Health Association, American Water Works Association, and Water Pollution Control Federation, 13th Edition, 1971. In some cases, the methods used were those presented in the U. S. Geological Survey Water Paper 1454, "Methods for Collection and Analysis of Water Samples", 1960.

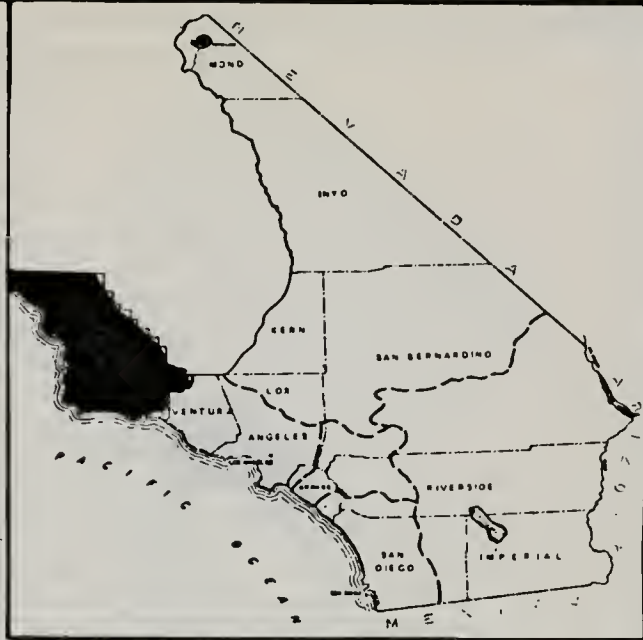
SURFACE WATER SAMPLING STATIONS  
CENTRAL COASTAL AREA

D-6-3050.00	CUYAMA RIVER NEAR GAREY
D-8-1440.00	SANTA YNEZ RIVER NEAR SOLVANG
D-8-1565.00	LAKE CACHUMA NEAR SANTA YNEZ



**LEGEND**

● D-6-1480.00  
 SURFACE WATER SAMPLING STATION AND NUMBER (SEE PAGE TO THE LEFT)



**LOCATION OF SURFACE WATER SAMPLING STATIONS  
 CENTRAL COASTAL AREA**

**SURFACE WATER SAMPLING STATIONS  
LOS ANGELES AREA**

Z-1--1100.00	VENTURA RIVER NEAR VENTURA
Z-1--5150.00	MATILJA CREEK BELOW DAM
Z-2-1250.00	SATICOY DIVERSION NEAR SATICOY
Z-2-1300.00	SANTA PAULA CREEK NEAR SANTA PAULA
Z-2-1340.40	SANTA CLARA RIVER ABOVE JUNCTION WITH SANTA PAULA CREEK
Z-2-1360.10	SANTA CLARA RIVER NEAR SANTA PAULA
Z-2-1702.00	SANTA CLARA RIVER AT HIGHWAY 99
Z-2-2150.00	SESPE CREEK NEAR FILLMORE
Z-2-3240.00	PIRU CREEK BELOW SANTA FELICIA DAM
Z-2-3375.00	PIRU LAKE NEAR PIRU
Z-2-3480.00	PIRU CREEK ABOVE PIRU LAKE
Z-3-1135.00	SANTA CLARA RIVER AT LOS ANGELES--VENTURA COUNTY LINE
Z-5-1020.10	MALIBU CREEK AT PACIFIC COAST HIGHWAY
Z-5-2150.00	TOPANGA CREEK ABOVE PACIFIC COAST HIGHWAY
Z-5-3200.10	BALLONA CREEK AT LINCOLN BOULEVARD
Z-5-3230.10	CENTINELA CREEK AT CENTINELA BOULEVARD
Z-5-3250.10	BALLONA CREEK AT CENTINELA BOULEVARD
Z-5-3300.00	BALLONA CREEK NEAR CULVER CITY (AT SAWTELLE BOULEVARD)
Z-5-3400.00	BALLONA CREEK AT CURSON STREET
Z-6-1100.00	LOS ANGELES RIVER AT PACIFIC COAST HIGHWAY
Z-6-1120.10	LOS ANGELES RIVER AT WILLOW STREET
Z-6-1250.00	LOS ANGELES RIVER AT FIRESTONE BOULEVARD
Z-6-1259.10	LOS ANGELES RIVER AT DOWNEY ROAD
Z-6-1272.10	LOS ANGELES RIVER AT SIXTH STREET
Z-6-1300.00	LOS ANGELES RIVER AT FIGUEROA STREET
Z-6-1316.10	LOS ANGELES RIVER AT LOS FELIZ BOULEVARD
Z-6-1365.00	LOS ANGELES RIVER AT TUJUNGA AVENUE
Z-6-1850.05	LOS ANGELES AQUEDUCT NEAR SAN FERNANDO
Z-6-3025.10	DOMINGUEZ CHANNEL AT ANAHEIM STREET
Z-6-3075.10	DOMINGUEZ CHANNEL AT WILMINGTON AVENUE
Z-6-3127.10	DOMINGUEZ CHANNEL 1000 FEET ABOVE VERMONT AVENUE
Z-6-3130.10	DOMINGUEZ CHANNEL BELOW VERMONT AVENUE
Z-6-9745.10	RIO HONDO RIVER AT RIO HONDO SPREADING GROUNDS
Z-6-9780.00	RIO HONDO ABOVE SPREADING GROUNDS
Z-7-1100.90	SAN GABRIEL RIVER AT WHITTIER NARROWS
Z-7-1927.10	SAN GABRIEL RIVER AT AZUSA POWERHOUSE
Z-7-5100.00	RIO HONDO AT WHITTIER NARROWS
Z-7-5126.10	RIO HONDO RIVER AT POMONA FREEWAY
Z-7-6150.00	MISSION CREEK AT WHITTIER NARROWS
Z-7-7050.00	SAN JOSE CREEK AT WORKMAN MILL ROAD
Z-8-1060.10	SAN GABRIEL RIVER AT PACIFIC COAST HIGHWAY
Z-8-1165.10	COYOTE CREEK AT WILLOW STREET
Z-8-1225.10	SAN GABRIEL RIVER AT WILLOW STREET
Z-8-1276.10	COYOTE CREEK AT DEL AMO BOULEVARD
Z-8-1326.10	COYOTE CREEK AT VALLEY VIEW AVENUE
Z-8-1427.10	COYOTE CREEK NORTH FORK AT LEFFINGWELL ROAD
Z-8-1700.00	SAN GABRIEL RIVER AT THE HEADWORKS
Z-8-1780.00	SAN GABRIEL RIVER AT BEVERLY BOULEVARD
Z-8-5170.00	RIO HONDO RIVER NEAR DOWNEY
W-2-1985.05	COLORADO RIVER AQUEDUCT UPPER FEEDER AT LA VERNE



LOCATION OF SURFACE WATER SAMPLING STATIONS  
 LOS ANGELES AREA



**SURFACE WATER SAMPLING STATIONS  
SOUTH LAHONTAN AREA**

V-2-1882.50	TWIN LAKES AT OUTLET BELOW DAM, STATION NUMBER 3
V-2-1883.00	LAKE MAMIE AT OUTLET ABOVE DAM
V-2-1884.00	LAKE MARY AT OUTLET BELOW DAM
V-2-1884.05	LAKE GEORGE AT END OF BOAT DOCK
V-2-1884.10	LAKE GEORGE OVERFLOW NEAR LAKE MARY
V-2-1884.35	COLD WATER CREEK AT LAKE MARY
V-2-1884.40	MAMMOTH CREEK AT LAKE MARY
V-9-1580.00	MOJAVE RIVER NEAR HELENDALE
V-9-1620.00	MOJAVE RIVER NEAR VICTORVILLE
V-9-2095.00	MOJAVE RIVER BELOW FORKS RESERVOIR NEAR HESPERIA
V-9-2235.10	LAKE GREGORY
V-9-2240.00	SEELEY CREEK NEAR CEDAR SPRINGS
V-9-2250.00	MOJAVE RIVER EAST FORK OF THE WEST FORK



**SURFACE WATER SAMPLING STATIONS  
COLORADO RIVER BASIN**

W-2-1560.00	COLORADO RIVER NEAR TOPOCK
W-2-1775.10	COLORADO RIVER BELOW PARKER DAM
W-2-1960.00	COLORADO RIVER AQUEDUCT AT COLORADO RIVER INTAKE (LAKE HAVASU)
W-2-1975.00	COLORADO RIVER INDIAN RESERVATION MAIN CANAL NEAR PARKER
W-3-1070.00	WHITewater RIVER NEAR MECCA
W-3-1450.00	WHITewater RIVER NEAR WHITewater
W-5-1600.70	SALTON SEA AT SALTON SEA STATE PARK
W-7-1400.00	COLORADO RIVER BELOW CIBOLA VALLEY
W-7-1600.00	COLORADO RIVER AT IMPERIAL DAM
W-7-1800.00	COLORADO RIVER NORTH OF THE INTERNATIONAL BOUNDARY NEAR ANDRADE
W-7-1905.00	PALO VERDE CANAL NEAR BLYTHE
W-7-1922.00	ALL AMERICAN CANAL BELOW IMPERIAL DAM
W-7-1929.00	ALL AMERICAN CANAL ABOVE PILOT KNOB WASTEWAY
W-7-1939.10	COACHELLA CANAL AT DROP 1 ALL AMERICAN CANAL
W-7-1968.10	ALL AMERICAN CANAL WATER TO PURIFICATION PLANT (EL CENTRO)
W-9-1100.00	NEW RIVER NEAR WESTMORLAND
W-9-1160.10	NEW RIVER NORTH OF BRAWLEY AT HIGHWAY 111
W-9-1290.10	NEW RIVER SOUTH OF BRAWLEY AT KEYSTONE ROAD
W-9-1800.00	NEW RIVER AT INTERNATIONAL BOUNDARY
W-9-2025.00	ALAMO RIVER NORTH OF THE INTERNATIONAL BOUNDARY
W-9-2100.00	ALAMO RIVER NEAR CALIPATRIA
W-9-2135.10	ALAMO RIVER 300 FEET NORTH OF SINCLAIR ROAD
W-9-2205.10	ROSE DRAIN AT THE ALAMO RIVER
W-9-2240.10	ALAMO RIVER AT WORTHINGTON ROAD NEAR HOLTVILLE
W-9-2250.10	CENTRAL DRAIN AT THE ALAMO RIVER
W-9-2265.10	ALAMO RIVER AT HIGHWAY 115 WEST OF HOLTVILLE





LOCATION OF SURFACE WATER SAMPLING STATIONS  
 COLORADO RIVER BASIN

**SURFACE WATER SAMPLING STATIONS  
SANTA ANA AREA**

Y-1-1550.00	SANTA ANA RIVER BELOW PRADO DAM
Y-2-1210.05	CHINO CREEK NEAR CHINO
Y-4-1100.00	WARM CREEK NEAR COLTON
Y-5-1050.10	SANTA ANA RIVER, SAN BERNARDINO - RIVERSIDE COUNTY LINE
Y-5-1100.00	SANTA ANA RIVER AT E STREET BRIDGE
Y-5-1150.00	SANTA ANA RIVER AT WATERMAN AVENUE
Y-5-1700.00	SANTA ANA RIVER NEAR MENTONE
Y-5-1945.00	SANTA ANA RIVER SPREADING DIVERSION NEAR MENTONE
Y-5-1978.00	SANTA ANA RIVER NO. 1 TAILRACE NEAR MENTONE
Y-5-2400.00	BIG BEAR LAKE NEAR BIG BEAR LAKE
Y-5-2400.10	BIG BEAR LAKE STREAM BELOW BIG BEAR DAM
Y-6-1110.00	SANTA ANA RIVER AT AUBURN BRIDGE NEAR CORONA
Y-6-1225.00	SANTA ANA RIVER NEAR NORCO
Y-6-1400.00	SANTA ANA RIVER NEAR ARLINGTON
Y-7-1145.00	SAN TIMOTEO CREEK AT WATERMAN AVENUE NEAR SAN BERNARDINO
Y-8-2200.00	LAKE ELSINORE AT STATE PARK



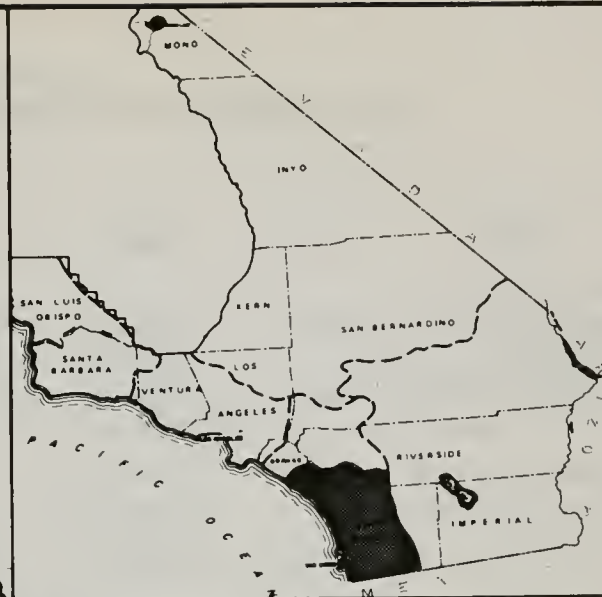


**SURFACE WATER SAMPLING STATIONS  
SAN DIEGO AREA**

X-2-1155.50	FALLBROOK CREEK AT NAVAL WEAPONS STA. BDRY.
X-2-1235.50	DE LUZ CREEK BELOW TRIB. ADJ. TO DE LUZ-MURRIETA ROAD
X-2-1350.00	SANTA MARGARITA RIVER NEAR FALLBROOK
X-4-1200.00	SAN DIEGUITO RIVER AT LAKE HODGES
X-4-2500.00	SANTA YSABEL CREEK AT SUTHERLAND DAM
X-4-3400.05	ESCONDIDO CREEK NEAR HARMONY GROVE
X-5-1160.00	ALVARADO CANYON AT MURRAY DAM
X-5-1230.30	SAN DIEGO RIVER AT OLD MISSION DAM
X-5-1320.00	SAN VICENTE CREEK AT SAN VICENTE DAM
X-5-1520.00	SAN DIEGO RIVER AT EL CAPITAN DAM
X-5-1990.10	ALVARADO FILTRATION PLANT BELOW MURRAY RESERVOIR
X-5-6200.10	MIRAMAR RESERVOIR NEAR MIRAMAR
X-5-6990.10	MIRAMAR FILTRATION PLANT BELOW MIRAMAR
X-7-1300.00	OTAY RIVER AT SAVAGE DAM (LOWER OTAY RESERVOIR)
X-7-1320.10	OTAY RIVER AT UPPER OTAY RESERVOIR
X-7-1990.10	LOWER OTAY FILTRATION PLANT BELOW LOWER OTAY RESERVOIR
X-8-2210.00	COTTONWOOD CREEK AT BARRETT DAM
X-8-2430.00	COTTONWOOD CREEK AT MORENA DAM

LEGEND

● X-9-1620.00 SURFACE WATER SAMPLING STATION AND NUMBER (SEE PAGE TO THE LEFT)



LOCATION OF SURFACE WATER SAMPLING STATIONS  
SAN DIEGO AREA

TABLE D-1  
SAMPLING STATION DATA AND INDEX, SOUTHERN CALIFORNIA

Station	Station number	Location*	Beginning of record	Frequency of sampling	Analyses on page
<b>Alamo River</b>					
North of the International Boundary	W-9-2025.00	17S/16E-18G	December 1969	Quarterly	293
Near Calipatria	W-9-2100.00	11S/13E-22G	March 1951	Quarterly	293
300 Feet North of Sinclair Road	W-9-2135.10	11S/13E-25N	November 1972	Special Study	367
At Worthington Road Near Holtville	W-9-2240.10	15S/15E-16E	November 1972	Special Study	367
At Highway 115 West of Holtville	W-9-2265.10	15S/15E-27K	November 1972	Special Study	367
<b>All American Canal</b>					
Above Pilot Knob Wasteway	W-7-1929.00	16S/21E-24K	May 1953	Quarterly	293
Below Imperial Dam	W-7-1922.00	15S/24E-17F	November 1972	Special Study	367
Water to Purification Plant ( El Centro )	W-7-1968.10	16S/14E-18B	November 1972	Special Study	367
<b>Alvarado Canyon</b>					
At Murray Dam	X-5-1160.00	16S/02W-13E	March 1952	Three/Year	295, 323, 331,
<b>Alvarado Filtration Plant</b>					
Below Murray Reservoir	X-5-1990.10	16S/02W-13F	May 1969	M-Composite	296, 331, 352
<b>Ballona Creek</b>					
At Lincoln Boulevard	Z-5-3200.10	02S/15W-22R	April 1969	Monthly	304, 326, 338,
At Centinela Boulevard	Z-5-3250.10	02S/15W-23A	December 1969	Monthly	305, 338, 357
Near Culver City (at Sawtelle Boulevard)	Z-5-3300.00	02S/15W-13G	April 1971	Monthly	305, 339, 357
At Curson Street	Z-5-3400.00	01S/14W-32J	April 1969	Monthly	306, 339, 358
<b>Bear Creek</b>					
Big Bear Lake Near Big Bear Lake	Y-5-2400.00	02N/01W-22M	September 1963	Varies	300, 354
Big Bear Lake Stream Below Big Bear Dam	Y-5-2400.10	02N/01W-22M	September 1963	Varies	300, 354
<b>Centinela Creek</b>					
At Centinela Boulevard	Z-5-3230.10	02S/15W-23H	April 1969	Monthly	305, 338, 357
<b>Central Drain</b>					
At the Alamo River	W-9-2250.10	15S/15E-21L	March 1969	Quarterly	294, 323, 335,
<b>Chino Creek</b>					
Near Chino	Y-2-1210.05	03S/08W-36R	April 1952	Quarterly	298
<b>Coachella Canal</b>					
At Drop 1 All American Canal	W-7-1939.10	16S/20E-31K	November 1972	Special Study	367
<b>Colorado River Aqueduct</b>					
At Colorado River Intake (Lake Havasu)	W-2-1960.00	03N/27E-02B	November 1953	Monthly	287
Upper Feeder At La Veme	W-2-1985.05	01S/09W-06	April 1951	M-Composite	288, 321, 349
<b>Colorado River</b>					
Near Topock	W-2-1560.00	15N/21W-13E	March 1970	Semiannually	286, 320, 348
Below Cibola Valley	W-7-1400.00	02S/23W-30L	March 1970	Semiannually	289, 321, 349
Below Parker Dam	W-2-1775.10	02N/27E-15M	April 1951	Semiannually	286, 320, 349
Indian Reservation Main Canal	W-2-1975.00	10N/19W-31F	March 1970	Semiannually	287, 321, 349
Near Parker					
At Imperial Dam	W-7-1600.00	15S/24E-09	March 1969	Quarterly	289, 321, 335, 3
North of The International Boundary	W-7-1800.00	08S/24W-21	March 1970	Weekly	291
Near Andrade					
<b>Cottonwood Creek</b>					
At Barrett Dam	X-8-2210.00	17S/03E-21H	November 1950	Semiannually	298, 325, 333, 3
At Morena Dam	X-8-2430.00	17S/04E-23B	November 1950	Semiannually	298, 325, 333, 3



TABLE D-1 (Continued)  
SAMPLING STATION DATA AND INDEX, SOUTHERN CALIFORNIA

Station	Station number	Location*	Beginning of record	Frequency of sampling	Analyses on page
<b>Civote Creek</b>					
at Willow Street	Z-8-1165.10	04S/12W-24R	May 1968	Monthly	315, 328, 344, 362
at Del Amo Boulevard	Z-8-1276.10	04S/11W-05P	May 1968	Monthly	316, 345, 363
at Valley View Avenue	Z-8-1326.10	03S/11W-34D	May 1968	Monthly	317, 345, 363
North Fork At Leffingwell Road	Z-8-1427.10	03S/11W-09K	May 1968	Monthly	317, 345, 364
<b>Crama River</b>					
near Garey	D-6-3050.00	10N/32W-18M	October 1958	Quarterly	285
<b>De Luz Creek</b>					
below Unnamed Trib Adj to De Luz-Murrieta Road	X-2-1235.50	8S/4W-32E	December 1953	Varies	294
<b>Dominquez Channel</b>					
at Anaheim Street	Z-6-3025.10	04S/13W-34M	July 1967	Monthly	310, 327, 342, 360
at Wilmington Street	Z-6-3075.10	04S/13W-16J	January 1967	Monthly	310, 342, 360
100 Feet Above Vermont Avenue	Z-6-3127.10	03S/14W-25R	July 1967	Monthly	310, 342, 360
below Vermont Avenue	Z-6-3130.10	03S/14W-36A	July 1967	Monthly	311, 342, 361
<b>Escondido Creek</b>					
near Hamony Grove	X-4-3400.05	12S/02W-30K	March 1951	Quarterly	295, 335, 351
<b>Falbrook Creek</b>					
at Naval Weapons Sta. Bdry.	X-2-1155.50	9S/4W-25E	May 1965	Monthly	294
<b>Lee Elsinore</b>					
at State Park	Y-8-2200.00	06S/05W-02J	February 1952	Quarterly	301
<b>Los Angeles Aqueduct</b>					
near San Fernando	Z-6-1850.05	03N/15W-3D	April 1951	Monthly	309
<b>Los Angeles River</b>					
at Pacific Coast Highway	Z-6-1100.00	04S/13W-26R	April 1951	Semiannually	306, 327, 339
at Willow Street	Z-6-1120.10	04S/13W-23R	July 1967	Monthly	307, 327, 340, 358
at Firestone Boulevard	Z-6-1250.00	02S/12W-31J	July 1967	Monthly	307, 340, 358
at Downey Road	Z-6-1259.10	02S/13W-11R	July 1967	Monthly	308, 340, 359
at Sixth Street	Z-6-1272.10	01S/13W-34K	July 1967	Monthly	308, 341, 359
at Figueroa Street	Z-6-1300.00	01S/13W-15K	April 1951	Semiannually	308
at Los Feliz Boulevard	Z-6-1316.10	01S/13W-05D	July 1967	Monthly	309, 341, 359
at Tujunga Avenue	Z-6-1365.00	01N/14W-30J	July 1967	Monthly	309, 341, 360
<b>Lower Otay Filtration Plant</b>					
below Lower Otay Reservoir	X-7-1990.10	18S/01W-13H	May 1969	M-Composite	297, 324, 332, 353
<b>Mlibu Creek</b>					
at Pacific Coast Highway	Z-5-1020.10	01S/17W-32K	September 1972	Annually	303, 326, 337, 356
<b>Mtilija Creek</b>					
below Dam	Z-1-5150.00	05N/23W-28M	January 1971	Quarterly	302, 325
<b>Miramar Reservoir</b>					
near Miramar	X-5-6200.10	14S/02W-32H	August 1968	Quarterly	296, 324, 332, 352
<b>Miramar Filtration Plant</b>					
below Miramar	X-5-6990.10	14S/02W-32H	May 1969	M-Composite	297, 324, 332, 352
<b>Mission Creek</b>					
at Whittier Narrows	Z-7-6150.00	02S/11W-06G	April 1951	Monthly	No Flow

TABLE D-1 (Continued)  
SAMPLING STATION DATA AND INDEX, SOUTHERN CALIFORNIA

Station	Station number	Location*	Beginning of record	Frequency of sampling	Analyses on page
<b>Mojave River</b>					
Near Helendale	V-9-1580.00	08N/04W-30Q	February 1963	Annually	285, 348
Near Victorville	V-9-1620.00	06N/04W-29Q	March 1951	Quarterly	285, 335, 348
Below Forks Reservoir Near Hesperia	V-9-2095.00	03N/03W-18L	July 1957	Quarterly	286
Lake Gregory	V-9-2235.10	02N/04W-23	May 1971	Varies	286, 348
Seeley Creek Near Cedar Springs	V-9-2240.00	02N/04W-09L	October 1971	Annually	286, 348
East Fork of the West Fork	V-9-2250.00	02N/04W-10M	April 1965	Monthly	286, 348
<b>New River</b>					
Near Westmorland	W-9-1100.00	12S/13E-19R	February 1951	Quarterly	293, 367
North of Brawley at Highway 111	W-9-1160.10	13S/14E-21K	November 1972	Special Study	367
At International Boundary	W-9-1800.00	17S/14E-14Q	April 1951	Quarterly	293, 367
South of Brawley at Keystone Road	W-9-1290.10	14S/13E-23N	November 1972	Special Study	367
<b>Otay River</b>					
At Savage Dam (Lower Otay Res.)	X-7-1300.00	18S/01E-18D	December 1950	Quarterly	297, 324, 332
At Upper Otay Reservoir	X-7-1320.10	17S/01W-36H	August 1952	Semiannually	297, 324, 332
<b>Owens River</b>					
Twin Lakes at Outlet Below Dam, Station No. 3	V-2-1882.50	04S/27E-4NM	October 1971	Special Study	285, 320, 348
Lake Mamie at Outlet above Dam	V-2-1883.00	04S/27E-9NM	October 1971	Special Study	285, 320, 348
Lake Mary at Outlet below Dam	V-2-1884.00	04S/27E-16DM	October 1971	Special Study	285, 320, 348
Lake George at End of Boat Dock	V-2-1884.05	04S/27E-17HM	October 1971	Special Study	285, 320, 348
Lake George Overflow Near Lake Mary	V-2-1884.10	04S/27E-16FM	October 1971	Special Study	285, 320, 348
Cold Water Creek at Lake Mary	V-2-1884.35	04S/27E-16KM	May 1972	Special Study	285, 320, 348
Mammoth Creek at Lake Mary	V-2-1884.40	04S/27E-16GM	May 1972	Special Study	285, 320, 348
<b>Palo Verde Canal</b>					
Near Blythe	W-7-1905.00	05S/24E-19C	June 1957	Monthly	292, 322, 350
<b>Piru Creek</b>					
Below Santa Felicia Dam	Z-2-3240.00	04N/18W-03K	June 1957	Quarterly	303, 325, 356
Piru Lake Near Piru	Z-2-3375.00	04N/18W-03G	May 1955	Quarterly	303, 325, 356
<b>Rio Hondo</b>					
At Rio Hondo Spreading Grounds	Z-6-9745.10	02S/12W-11R	May 1968	Monthly	312, 327, 343
Above Spreading Grounds	Z-6-9780.00	02S/12W-12B	May 1963	Monthly	312
At Whittier Narrows	Z-7-5100.00	02S/11W-06B	April 1951	Monthly	314
At Pomona Freeway	Z-7-5126.10	01S/11W-31F	May 1968	Monthly	314, 328, 343
Near Downey	Z-8-5170.00	03S/12W-05D	September 1968	Monthly	318, 329, 346
<b>Rose Drain</b>					
At the Alamo River	W-9-2205.10	14S/15E-07C	March 1969	Quarterly	294, 322, 335
<b>Salton Sea</b>					
At Salton Sea State Park	W-5-1600.70	08S/10E-02L	March 1955	Quarterly	288
<b>San Diego River</b>					
At Old Mission Dam	X-5-1230.30	15S/02E-25F	April 1951	Quarterly	296
At El Capitan Dam	X-5-1520.00	15S/02E-07H	April 1958	Quarterly	296, 323, 331, 352
<b>San Dieguito River</b>					
At Lake Hodges	X-4-1200.00	13S/03W-18F	December 1946	Quarterly	295, 323, 331, 351

TABLE D-1 (Continued)  
 SAMPLING STATION DATA AND INDEX, SOUTHERN CALIFORNIA

Station	Station number	Location*	Beginning of record	Frequency of sampling	Analyses on page
<b>Analyses on page</b> a Gabriel River					
A Whittier Narrows	Z-7-1100.90	02S/11W-05K	April 1950	Monthly	313
A Azusa Powerhouse	Z-7-1927.10	01N/10W-22J	March 1957	Monthly	313, 328
A Pacific Coast Highway	Z-8-1060.10	05S/12W-11L	May 1968	Monthly	315, 328, 344, 362
348 A Willow Street	Z-8-1225.10	04S/12W-24P	May 1968	Monthly	316, 329, 344, 363
325, 328 A the Headworks	Z-8-1700.00	02S/11W-18L	July 1973	Monthly	317, 329, 346, 364
348 A Beverly Boulevard	Z-8-1780.00	02S/11W-07R	May 1968	Monthly	31B, 329, 346, 364
a Jose Creek					
348 A Workman Mill Road	Z-7-7050.00	02S/11W-03B	March 1973	Monthly	314, 32B, 343, 362
a Timoteo Creek					
367 A Vatemán Avenue Near San Bernardino	Y-7-1145.00	01S/04W-23N	March 1954	Quarterly	301, 337, 355
a Vicente Creek					
367 A San Vicente Dam	X-5-1320.00	14S/01E-31E	March 1948	Quarterly	296, 323, 331, 352
a Ana River					
324, 324 A Bow Prado Dam	Y-1-1550.00	03S/07W-29E	April 1951	Monthly	298, 325, 335, 353
324, 324 S Bernardino-Riverside County Line	Y-5-1050.10	02S/05W-01M	May 1971	Monthly	299, 336, 354
320, 324 A Waterman Avenue	Y-5-1150.00	01S/04W-22	August 1966	Semiannually	299, 354
320, 324 N 1 Tailrace Near Mentone	Y-5-1978.00	01S/04W-04P	April 1951	Monthly	300, 354
320, 324 A "E" Street Bridge	Y-5-1100.00	01S/04W-22M	January 1939	Monthly	299, 325, 336, 354
320, 324 N Near Mentone	Y-5-1700.00	01S/02W-04M	August 1966	Varies	299, 354
320, 324 Seading Diversion Near Mentone	Y-5-1945.00	01S/02W-08H	February 1962	Varies	299, 354
320, 324 A Auburn Bridge Near Corona	Y-6-1110.00	03S/07W-10K	October 1963	Varies	300, 355
320, 324 N Near Arlington	Y-6-1400.00	02S/06W-25L	January 1951	Monthly	301, 336, 355
320, 324 N Near Norco	Y-6-1225.00	03S/07W-01A	April 1951	Quarterly	300, 336, 355
a Clara River					
320, 324 N Near Santa Paula	Z-2-1360.10	03N/21W-12P	April 1951	Quarterly	302, 325
322, 325 A Los Angeles-Ventura County Line	Z-3-1135.00	04N/17W-30K	April 1951	Quarterly	303, 326
322, 325 A Highway 99	Z-2-1702.00	04N/16W-17N	May 1967	Quarterly	302, 325, 337, 355
a Margarita River					
325, 325 N Near Fallbrook	X-2-1350.00	09S/04W-14H	February 1951	Quarterly	295, 323
a Paula Creek					
327, 327 N Near Santa Paula	Z-2-1300.00	04N/21W-27N	June 1957	Quarterly	302, 325
a Ynez River					
312 N Near Solvang	D-8-1440.00	06N/31W-21R	April 1951	Quarterly	285
314 L Near Cachuma	D-8-1565.00	06N/29W-19M	April 1958	Quarterly	285
a Ysabel Creek					
329, 329 A Sutherland Dam	X-4-2500.00	12S/02E-21E	December 1956	Semiannually	295, 323, 331, 351
e Creek					
322, 325 N Near Filmore	Z-2-2150.00	04N/20W-12B	June 1957	Quarterly	303, 325
288 oinga Creek					
296 A Ave Pacific Coast Highway	Z-5-2150.00	01S/16W-20M	September 1972	Annually	304, 326, 338, 356
296 tectura River					
23, 331, 331 N Near Ventura	Z-1-1100.00	03N/23W-08F	May 1951	Quarterly	301
a Creek					
323, 323 N Near Colton	Y-4-1100.00	01S/04W-21L	April 1951	Quarterly	299, 336, 354
Whewater River					
Near Mecca	W-3-1070.00	07S/09E-30R	July 1957	Quarterly	288, 367
Near Whitewater	W-3-1450.00	03S/03E-02B	February 1951	Quarterly	288, 321

\*Township, range, section and 40-acre tract number; referred to San Bernardino Base and Meridian.



## TABLE D-2 MINERAL ANALYSES OF SURFACE WATER

An explanation of column headings follows:

- GH** - The instantaneous gage height in feet above an established datum.
- Q** - The instantaneous discharge in cubic feet per second (cfs). "E" indicates the value has been estimated.
- DEPTH** - Depth in feet at which sample was collected.
- DO** - The dissolved oxygen content in milligrams per liter.
- SAT** - The percent of normal saturation of dissolved oxygen.
- EC** - Electrical conductance in micromhos at 25° Celsius, Field or Lab determination.
- pH** - Measure of acidity or alkalinity of water; field or laboratory determination.
- TDS** - Gravimetric determination of total dissolved solids at 180° Celsius (or \*105° Celsius).
- SUM** - Total dissolved solids determined by addition of analyzed constituents minus 1/2 of bicarbonate.
- TH** - Total hardness.
- NCH** - Noncarbonate hardness.
- TIME** - Pacific Standard Time on a 24-hour clock.
- TEMP** - Water temperature in degrees Fahrenheit (F) and Celsius (C) at the time of field sampling.
- SAR** - Sodium Adsorption Ratio
- TURB** - E = Jackson Candle Units (JCU) - Hellige  
A = Jackson Turbidity Units (JTU) - Hach

**PERCENT REACTANCE VALUE** is determined by dividing the sum of the cations or anions in milliequivalents per liter into each constituent in milliequivalents per liter arriving at a percentage.

**REM (REMARKS) as follow:**

- T** - Total Dissolved Solids and the calculated SUM of constituents are not within 20 percent of each other.
- E** - Total Dissolved Solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity.
- S** - The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of ± 5%.
- C** - The electrical conductivity divided by the EC-EPM factor (or if absent, 100) is not within 20% of the average of the cation sum and anion sum for complete analyses.
- X** - The field EC and the lab EC are not within 20% of each other.
- Z** - The value of the constituent is greater than the field limit; in which case all 9's will appear.
- N** - This analysis has been reported under a different station number.

**The MINERAL CONSTITUENTS are as follows:**

- |                                  |                                     |                                 |
|----------------------------------|-------------------------------------|---------------------------------|
| <b>B</b> -Boron                  | <b>F</b> - Fluoride                 | <b>NA</b> - Sodium              |
| <b>CA</b> -Calcium               | <b>HCO<sub>3</sub></b> -Bicarbonate | <b>NO<sub>3</sub></b> - Nitrate |
| <b>CL</b> -Chloride              | <b>K</b> - Potassium                | <b>SiO<sub>2</sub></b> - Silica |
| <b>CO<sub>3</sub></b> -Carbonate | <b>MG</b> - Magnesium               | <b>SO<sub>4</sub></b> - Sulfate |

**The LAB and SAMPLER agency codes are as follows:**

- |   |  |
|---|--|
| 1101 - Los Angeles County Flood Control District              | 5101 - San Bernardino County Flood Control District            |
| 1200 - Los Angeles Department of Water & Power                | 5130 - Los Angeles County Health Department                    |
| 4412 - The Metropolitan Water District of Southern California | 5229 - City of San Diego Water Department                      |
| 5000 - U. S. Geological Survey                                | 5239 - Long Beach Health Department                            |
| 5007 - Camp Pendleton USMC                                    | 5411 - United Water Conservation District                      |
| 5050 - Department of Water Resources                          | 5867 - Fruit Growers Laboratory                                |
| 5060 - California Department of Health                        | 5877 - Environmental Engineering Laboratory, Inc., Chula Vista |

TABLE D-2 (CONT.)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	NO3	SO4	CL	NO3	B	F	TOS	TM	TURB		
																				5102	
D6 3050.00 CUYAMA RIVER NEAR GAREY																					
06/13/73	5000			60.8F		178	73	113	6.2	0	318	611	61	2.2	.25	.6	1319	744	3A	E	
0950	5050	18		16.0C	7.9	1641	8.88	6.00	4.92	.16	.00	5.21	12.72	1.72	.04	--	1201	484	1.8	C	
						44	30	25	1			26	65	9							
07/05/73	5000			60.8F		100	37	58	3.1	0	207	289	35	1.6	.21	.4	646	402	5A		
1100	5050	231		16.0C	7.6	945	4.99	3.04	2.52	.08	.00	3.39	6.02	.99	.03	--	626	232	1.3		
						47	29	24	1			33	58	9							
07/23/73	5050	3.40	12.6	72.0F	8.3	770	79	30	48	3.0	0	190	216	32	2.6	.22	.4	546	321	2A	
1230	5050		144	22.2C	8.0	822	3.94	2.47	2.09	.08	.00	3.11	4.50	.90	.04	--	504	165	1.2		
						46	29	24	1			36	53	11							
DR 1440.00 SANTA YNEZ RIVER NEAR SOLVANG																					
01/29/73	5050	3.77	11.0	56.0F	8.0	925	--	--	--	--	--	312	22	--	--	--	690	460	4A		
1230	5050	38	102	12.2C								6.50	.62								
04/23/73	5050		13.8	67.0F	8.2	975	--	--	--	--	--	250	71	--	--	--	768	475	2A		
1245	5050	50E	149	19.4C								5.21	2.00								
07/23/73	5050		19.2	77.0F	8.3	910	--	--	--	--	--	279	25	--	--	--	667	423	1A		
1130	5050	2E	230	25.0C								5.81	.71								
OR 1565.00 LAKE CACHUMA NEAR SANTA YNEZ																					
11/27/72	5050	16.72	8.1	58.0F	7.7	880	--	--	--	--	--	315	16	--	--	--	615	407	0A		
1115	5050		79	14.4C								6.56	.45								
01/29/73	5050	19.96	10.7	50.0F	8.1	800	--	--	--	--	--	312	16	--	--	--	616	400	6A		
1145	5050		95	10.0C								6.50	.45								
04/23/73	5050	50.48	11.6	61.0F	8.4	660	--	--	--	--	--	244	14	--	--	--	565	350	2A		
1200	5050		117	16.1C								5.08	.39								
07/23/73	5050	47.03	9.3	72.0F	8.2	780	--	--	--	--	--	258	12	--	--	--	550	35A	1A		
1030	5050		106	22.2C								5.37	.34								
V2 1882.50 TWIN LAKES AT OUTLET BELOW DAM, STATION NO. 3																					
10/11/72	5050		10.3	42 F	7.7	11	3.8	4.5	1.6	0	59	2.4	.5	.1	.03	.1	66	44	1 A		
1045	5050	7E	113	6 C	6.5	103	.56	.31	.20	.04	.00	.97	.05	.01	.00	--	53	0	0.3	S	
		0				50	28	18	4			94	5	1							
V2 1883.00 LAKE MAMIE AT OUTLET ABOVE DAM																					
10/11/72	5050		9.0	44 F	6.9	3.9	1.5	1.5	.4	0	18	3.4	.5	.1	.01	.1	24	16	0 A		
1015	5050	5E	103	7 C	5.7	40	.19	.12	.07	.01	.00	.30	.07	.01	.00	--	20	1	0.2		
		0				49	31	18	3			79	18	3							
V2 1884.00 LAKE MARY AT OUTLET BELOW DAM																					
10/10/72	5050		8.4	46 F	7.0	5.4	.4	1.5	.5	0	18	3.8	.5	.0	.02	.1	27	15	0 A		
1435	5050	1.5	99	8 C	5.8	40	.27	.03	.07	.01	.00	.30	.08	.01	.00	--	21	0	0.2	T	
		0				71	8	18	3			77	21	3							
V2 1884.05 LAKE GEORGE AT END OF BOAT DOCK																					
10/10/72	5050		8.4	48 F	7.0	2.0	1.1	1.3	.4	0	12	2.4	.5	.2	.01	.1	19	10	0 A	E	
1410	5050		102	9 C	5.6	25	.10	.09	.06	.01	.00	.20	.05	.01	.00	--	14	0	0.2	T	
						38	35	23	4			77	19	4							
V2 1884.10 LAKE GEORGE OVERFLOW NEAR LAKE MARY																					
10/10/72	5050		8.5	45 F	7.0	5.1	.5	1.5	.4	0	17	4.3	.5	.0	.03	.1	20	15	0 A		
1500	5050	1E	99	7 C	6.2	38	.25	.04	.07	.01	.00	.28	.09	.01	.00	--	21	1	0.2		
		0				68	11	19	3			74	24	3							
V2 1884.35 COLD WATER CREEK AT LAKE MARY																					
10/10/72	5050		9.5	40 F	7.0	6.8	1.8	1.5	.4	0	28	3.4	.5	.1	.03	.1	33	25	0 A		
1525	5050	1E	102	4 C	6.2	55	.34	.15	.07	.01	.00	.46	.07	.01	.00	--	28	2	0.1	S	
		0				60	26	12	2			85	13	2							
V2 1884.40 MAMMOTH CREEK AT LAKE MARY																					
10/10/72	5050		9.0	41 F	6.9	5.9	1.2	1.7	.4	0	20	5.8	.5	.0	.03	.1	28	20	0 A		
1545	5050	.5	99	5 C	5.7	49	.29	.10	.07	.01	.00	.33	.12	.01	.00	--	25	3	0.2		
		0				62	21	15	2			72	26	2							
V9 1580.00 MOJAVE RIVER NR HELENDALE																					
01/11/73	5101					46	11	48	3.4	0	196	61	31	6.3	.08	.4	324	162			
5101	5101				7.7	659	2.30	.90	2.09	.09	.00	3.21	1.27	.87	.10	--	303	0	1.7		
						43	17	39	2			59	23	2							
V9 1620.00 MOJAVE RIVER NEAR VICTORVILLE																					
11/29/72	5050	3.23	7.6	60.0F	7.7	460	42	9.1	45	3.6	0	181	47	26	6.9	.07	.4	253	143	5A	
1315	5050	31	76	15.5C	7.7	459	2.10	.75	1.96	.09	.00	2.97	.98	.73	.11	--	269	0	1.6		
						43	15	40	2			62	20	2							
01/11/73	5101					43	9.1	39	3.2	0	179	45	28	7.4	.11	.4	297	145			
5101	5101				8.0	480	2.15	.75	1.70	.08	.00	2.93	.94	.79	.12	--	263	0	1.4		
						46	16	36	2			61	20	3							
01/31/73	5050	3.17	9.0	54.0F	7.8	420	37	10	43	2.9	0	175	44	25	6.5	.11	.4	292	134	3A	
1320	5050	34	84	12.2C	7.8	446	1.85	.82	1.87	.07	.00	2.87	.92	.71	.10	--	255	0	1.6		
						40	18	41	2			62	20	2							
04/26/73	5050		6.2	80.0F	7.7	260	23	6.4	24	2.5	0	113	19	15	3.2	.01	.3	173	84	15A	
1315	5050	122	77	26.6C	7.7	288	1.15	.53	1.04	.06	.00	1.85	.40	.42	.05	--	149	0	1.1		
						41	19	37	2			68	15	2							





TABLE D-2 (CONT.)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. DEPTH	OO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM					
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TOS	TH	TURB SA9							
																				8		5102	SUM	NCH	SA9	
W2 1775.10 COLORADO RIVER BELOW PARKER DAM						CONTINUED																				
02/04/73 0945	5000	9310			8.3 1150	82 32 120 4.7 0 163 320 97 1.3 .17 .3 746 340 2.8	4.09 2.63 5.22 .12 .00 2.67 6.66 2.74 .02	34 22 43 1 22 55 23																		
04/01/73 0845	5000	16160			8.1 1060	82 28 100 5.2 0 158 290 87 1.8 .17 .4 682 320 2.4	4.09 2.30 4.35 .13 .00 2.59 6.04 2.45 .03	38 21 40 1 23 54 22																		
05/06/73 1130	5000	18200			7.6 1140	88 29 110 4.7 0 162 310 96 1.5 .15 .5 728 340 2.6	4.39 2.38 4.79 .12 .00 2.66 5.45 2.71 .02	38 20 41 1 22 54 23																		
06/03/73 0900	5000	9000			7.9 1110	88 31 110 4.8 0 168 310 91 1.5 .15 .5 727 350 2.6	4.39 2.55 4.79 .12 .00 2.75 5.45 2.57 .02	37 22 40 1 23 55 22																		
08/05/73 0910	5000	15900			7.6 1140	92 30 110 5.0 0 177 320 93 4.4 .05 .3 751 350 2.5	4.59 2.47 4.79 .13 .00 2.90 5.66 2.62 .07	38 21 40 1 24 54 21 1																		
W2 1960.00 COLORADO RIVER AT COLORADO AQUEDUCT INTAKE																										
10/08/72 4412				75.0F		81 31 110 5.0 1.0 139 309 96 .1 -- .4 709 332 1A<	4.04 2.59 4.79 .13 .03 2.28 6.43 2.71 .00	35 22 41 1 20 56 24																		
11/08/72 4412				65.0F 18.3C	8.3 1120	83 31 107 5.0 0 150 306 95 .4 -- .4 711 337 1A<	4.14 2.59 4.65 .13 .00 2.46 6.37 2.68 .01	36 23 40 1 21 55 23																		
12/05/72 4412				58.0F 14.4C	8.1 1140	84 32 106 5.0 0 153 312 96 .7 -- .4 720 344 1A<	4.19 2.67 4.61 .13 .00 2.51 6.50 2.71 .01	36 23 40 1 21 55 23																		
01/08/73 4412				48.0F 8.9C	8.5 1130	83 32 111 4.0 4.0 142 316 96 .7 -- .4 724 339 1A<	4.14 2.63 4.83 .10 .13 2.33 6.58 2.71 .01	35 22 41 1 20 56 23																		
02/07/73 1130	4412			51.0F 10.5C	8.2 1150	86 31 111 4.0 0 153 312 95 1.1 -- .3 724 342 1A<	4.29 2.55 4.83 .10 .00 2.51 6.50 2.68 .02	36 22 41 1 21 56 23																		
04/08/73 4412				61.0F 16.1C	8.3 1130	86 31 106 5.0 1.0 155 306 93 .7 -- .4 713 344 1A<	4.29 2.59 4.61 .13 .03 2.54 6.37 2.62 .01	37 22 40 1 22 55 23																		
05/08/73 4412				70.0F 21.1C	8.3 1120	86 31 107 5.0 0 156 308 90 .7 -- .4 712 342 1A<	4.29 2.55 4.65 .13 .00 2.56 5.41 2.54 .01	37 22 40 1 22 56 22																		
06/06/73 4412				75.0F 23.9C	8.5 1140	86 31 107 4.0 2.0 156 305 91 1.2 -- .4 712 342 1A<	4.29 2.55 4.65 .10 .07 2.56 5.35 2.57 .02	37 22 40 1 22 55 22																		
07/08/73 4412				80.0F 26.6C	8.6 1100	79 31 107 5.0 4.0 127 307 92 .5 -- .4 695 325 1A<	3.94 2.55 4.65 .13 .13 2.08 6.39 2.59 .01	35 23 41 1 19 57 23																		
08/08/73 4412				81.0F 27.2C	8.5 1090	78 30 106 4.0 2.0 126 303 94 .3 -- .4 688 318 1A<	3.89 2.47 4.61 .10 .07 2.07 6.31 2.65 .00	35 22 42 1 19 57 24																		
08/21/73 4412				81.0F 27.2C	8.0 1100	77 31 105 4.0 0 124 299 99 .1 -- .4 687 320 1A<	3.84 2.55 4.57 .10 .00 2.03 6.23 2.79 .00	35 23 41 1 18 56 25																		
09/09/73 4412					8.3 1090	75 32 105 4.0 0 129 310 92 .1 -- .4 690 319 1A<	3.74 2.63 4.57 .10 .00 2.11 6.45 2.59 .00	34 24 41 1 19 58 23																		
W2 1975.00 COLORADO R. INDIAN RES. MAIN CANAL NEAR PARKER																										
10/02/72 1155	5000				7.7 1140	84 31 98 5.2 0 149 310 95 -- .17 .5 736 340 2.1	4.19 2.55 4.26 .13 .00 2.44 6.45 2.68 .01	38 23 38 1 21 56 23																		
11/06/72 1240	5000				7.5 1130	82 30 100 4.9 0 152 290 93 .9 .14 .5 684 330 2.4	4.09 2.47 4.35 .13 .00 2.49 6.04 2.62 .01	37 22 39 1 22 54 23																		
12/04/72 1240	5000			58.1F 14.5C	7.5 1150	82 32 120 5.0 0 159 320 97 .9 .16 .5 744 340 2.8	4.09 2.63 5.22 .13 .00 2.61 6.66 2.74 .01	34 22 43 1 22 55 23																		
02/12/73 1350	5000			51.8F 11.0C	8.1 1160	85 32 110 5.2 0 164 330 96 1.2 .15 .5 749 340 2.6	4.24 2.63 4.79 .13 .00 2.69 6.87 2.71 .02	36 22 41 1 22 56 22																		
03/05/73 1110	5000				8.0 1120	86 30 110 5.1 0 166 310 95 1.6 .15 .3 729 340 2.6	4.29 2.47 4.79 .13 .00 2.72 6.45 2.68 .03	37 21 41 1 23 54 23																		
04/02/73 1000	5000			60.8F 16.0C	8.2 1080	84 29 100 5.3 0 158 300 90 1.9 .18 .4 698 330 2.4	4.19 2.38 4.35 .14 .00 2.59 6.25 2.54 .03	38 22 39 1 23 55 22																		
04/30/73 1305	5000	1230		65.3F 18.5C	8.1 1140	87 31 110 4.9 0 162 310 96 .4 .15 .4 727 350 2.6	4.34 2.55 4.79 .13 .00 2.66 6.45 2.71 .01	37 22 41 1 22 55 23																		
06/04/73 0915	5000			73.4F 23.0C	7.9 1120	88 31 110 4.9 0 165 310 91 1.2 .15 .5 726 350 2.6	4.39 2.55 4.79 .13 .00 2.70 6.45 2.57 .02	37 22 40 1 23 55 22																		
07/02/73 0920	5000			74.3F 23.5C	7.9 1120	88 31 110 5.0 0 157 320 94 1.2 .14 .5 735 350 2.6	4.39 2.55 4.79 .13 .00 2.57 6.66 2.65 .02	37 22 40 1 22 56 22																		

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. D DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER			MILLIGRAMS PER LITER				REMARKS	
						MILLIEQUIVALENTS PER LITER										PERCENT REACTANCE VALUE			B	F	TDS SUM	TH NCH		TURB SAR
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	PERCENT	REACTANCE	VALUE							
W2 1975.00						COLORADO R. INDIAN RES. MAIN CANAL NEAR PARKER										CONTINUED								
07/30/73	5000			75.2F		82	31	110	5.0	0	153	320	97	.8	.18	.4			330					
0920	5000	1250		24.0C	7.6 1110	4.09	2.55	4.79	.13	.00	2.51	6.66	2.74	.01		9.3		731	207	2.6				
						35	22	41	1		21	56	23											
09/04/73	5000			76.1F		80	31	110	5.8	0	149	310	93	.4	.17	.3			330					
1010	5000			24.5C	7.9 1100	3.99	2.55	4.79	.15	.00	2.44	6.45	2.62	.01		9.3		713	205	2.6				
						35	22	42	1		21	56	23											
W2 1985.05						COLORADO R. AQUEDUCT UPPER FEEDER AT LA VERNE																		
10/00/72	4412			71.0F		83	32	114	5.0	0	148	319	98	.5	--	.4			339			2A<		
	4412			21.6C	8.2 1130	4.14	2.63	4.96	.13	.00	2.43	6.64	2.76	.01		7.7		732	217	2.7				
						35	22	42	1		21	56	23											
11/00/72	4412			64.0F		83	32	110	4.0	0	150	313	98	.7	--	.4			770			2A<		
	4412			17.8C	8.2 1160	4.14	2.67	4.79	.10	.00	2.46	6.52	2.76	.01		8.6		724	218	2.6				
						35	23	41	1		21	55	23											
12/00/72	4412			57.0F		85	31	111	4.0	1.0	150	312	96	.8	--	.4			762			2A<		
	4412			13.9C	8.3 1150	4.24	2.59	4.83	.10	.03	2.46	6.50	2.71	.01		9.0		724	217	2.6				
						36	22	41	1		21	56	23											
01/00/73	4412			54.0F		86	31	113	5.0	1.0	150	315	96	.7	--	.4			754			2A<		
	4412			12.2C	8.3 1150	4.29	2.55	4.92	.13	.03	2.46	6.56	2.71	.01		8.8		730	218	2.7				
						36	21	41	1		21	56	23											
02/00/73	4412			52.0F		85	32	112	5.0	1.0	149	315	99	.8	--	.4			774			1A		
	4412			11.1C	8.3 1150	4.24	2.63	4.87	.13	.03	2.44	6.56	2.79	.01		8.3		731	220	2.6				
						36	22	41	1		21	55	24											
03/00/73	4412			54.0F		85	31	112	5.0	1.0	150	316	97	.6	--	.4			763			1A<		
	4412			12.2C	8.3 1150	4.24	2.59	4.87	.13	.03	2.46	6.58	2.74	.01		8.0		730	217	2.6				
						36	22	41	1		21	56	23											
04/00/73	4412			56.0F		84	32	110	4.0	1.0	149	317	96	.9	--	.4			756			1A<		
	4412			13.3C	8.3 1140	4.19	2.67	4.79	.10	.03	2.44	6.60	2.71	.01		8.4		727	220	2.6				
						36	23	41	1		21	56	23											
05/00/73	4412			60.0F		86	31	107	5.0	1.0	151	311	94	1.0	--	.4			772			1A<		
	4412			15.5C	8.3 1150	4.29	2.55	4.65	.13	.03	2.47	6.48	2.65	.02		8.1		718	217	2.5				
						37	22	40	1		21	56	23											
06/00/73	4412			67.0F		85	31	110	5.0	0	151	309	97	.7	.08	.5			753			1A<		
	4412			19.4C	8.2 1140	4.24	2.55	4.79	.13	.00	2.47	6.43	2.74	.01		7.4		719	216	2.6				
						36	22	41	1		21	55	24											
07/00/73	4412			74.0F		82	31	109	5.0	0	143	313	96	.4	--	.5			750			2A<		
	4412			23.3C	8.1 1140	4.09	2.55	4.74	.13	.00	2.34	6.52	2.71	.01		7.8		715	215	2.6				
						36	22	41	1		20	56	23											
08/00/73	4412			77.0F		78	32	111	5.0	0	137	316	97	.1	--	.4			748			2A<		
	4412			25.0C	8.0 1110	3.89	2.63	4.83	.13	.00	2.25	6.58	2.74	.00		6.2		715	214	2.7				
						34	23	42	1		19	57	24											
09/00/73	4412			75.0F		82	31	106	4.0	0	142	307	95	.6	--	.4			739			2A<		
	4412			23.9C	8.1 1120	4.09	2.55	4.61	.10	.00	2.33	6.39	2.68	.01		8.4		704	216	2.5				
						36	22	41	1		20	56	23											
W3 1070.00						WHITWATER RIVER NEAR MECCA																		
12/26/72	5050	2.10	9.7	62.0F	R.1 2850	--	--	--	--	--	--	737	340	--	--	--			541			63A		
	1015	110	99	16.7C								15.34	9.59	--	--	--								
03/26/73	5050	2.32	9.0	61.0F	R.1 2640	--	--	--	--	--	--	715	330	--	--	--			1920			547		
	1020	135	91	16.1C								14.89	9.31	--	--	--								
06/25/73	5050	2.74	7.9	78.0F	R.1 2300	--	--	--	--	--	--	632	268	--	--	--			1664			500 100A		
	0915	130	96	25.5C								13.16	7.56	--	--	--								
09/24/73	5050	2.27	8.6	74.0F	R.1 2700	--	--	--	--	--	--	743	605	--	--	--			1925			574 56A		
	0945	154	100	23.3C								15.47	17.06	--	--	--								
W3 1450.00						WHITWATER RIVER NEAR WHITEWATER																		
12/26/72	5050	1.28	9.9	54.0F	R.1 380	50	14	15	4.4	0	207	41	5.0	3.8	.00	.7			221			183 2A		
	0830	3.8	92	12.2C	7.9 408	2.50	1.15	.65	.11	.00	3.39	.85	.14	.06	--	--			235			13 0.5		
						57	26	15	2		76	19	3	1										
03/26/73	5050	1.36	10.4	48.0F	8.1 300	44	14	12	3.6	0	185	33	4.0	2.5	.00	.6			189			168 60A		
	0800	18	89	8.9C	7.9 369	2.20	1.15	.52	.09	.00	3.03	.69	.11	.04	--	--			204			16 0.4		
						56	29	13	2		78	18	3	1										
06/25/73	5050	1.49	8.7	65.0F	8.1 360	48	13	13	4.1	0	195	38	4.0	3.0	.00	.6			235			174 2A		
	0730	15	92	18.3C	8.1 402	2.40	1.07	.57	.10	.00	3.20	.79	.11	.05	--	--			219			14 0.4		
						58	26	14	2		77	19	3	1										
09/24/73	5050	1.44	9.2	62.0F	8.0 400	51	13	15	4.5	0	200	41	5.0	2.5	.00	1.1			200			181 2A		
	0745	10	94	16.7C	8.0 511	2.54	1.07	.65	.12	.00	3.28	.85	.14	.04	--	--			230			17 0.4		
						58	24	15	3		76	20	3	1										
W5 1600.70						SALTON SEA AT SALTON SEA STATE PARK																		
12/26/72	5050	31.98	9.7	58.0F	8.5 47000	--	--</																	

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.N. 0 DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER			
						CA	MG	NA	K	CO3	HCO3	SO4	CL	PERCENT REFRACTANCE VALUE	NO3	B	F 5102	TOS SUM	TH NCH	TURB SAR	REM						
																						PERCENT REFRACTANCE VALUE	NO3	B	F 5102	TOS SUM	TH NCH
WS 1600.70		SALTON SEA AT SALTON SEA STATE PARK										CONTINUED															
09/24/73	5050	31.89	11.4	82.0F	8.4	39000	--	--	--	--	--	--	8758	16100	--	--	--	39960	7204	2A							
1030	5050	143	27.8C										182.34	454.02													
W7 1400.00		COLORADO RIVER BELOW CI80LA VALLEY																									
10/02/72	5000				8.1	1270	90	32	130	5.3	0	165	340	120	--	.46	.5		360								
0800	5000						4.49	2.63	5.66	.14	.00	2.70	7.08	3.38		10.0		809	221	3.0							
							35	20	44	1		21	54	26													
11/06/72	5000				7.4	1290	86	33	130	4.9	0	171	330	120	1.3	.17	.4		350								
0900	5000						4.29	2.71	5.66	.13	.00	2.80	6.87	3.38	.02	10.0		799	210	3.0							
							34	21	44	1		21	53	26													
12/04/72	5000				7.6	1430	94	35	160	5.1	0	198	370	150	1.3	.23	.5		380								
0900	5000						4.69	2.88	6.96	.13	.00	3.25	7.70	4.23	.02	11.0		924	216	3.6							
							32	20	47	1		21	51	28													
01/02/73	5000				8.2	1410	93	34	160	5.2	0	179	380	140	1.9	.20	.5		370								
0930	5000	7680					4.64	2.80	6.96	.13	.00	2.93	7.91	3.95	.03	10.0		912	226	3.6							
							32	19	48	1		20	53	27													
02/11/73	5000			52.7F	8.2	1490	99	33	170	5.2	0	193	390	160	1.4	.23	.5		380								
0935	5000	6800		11.5C			4.94	2.71	7.40	.13	.00	3.16	8.12	4.51	.02	11.0		965	225	3.8							
							33	18	49	1		20	51	29													
03/05/73	5000			59.0F	8.2	1300	92	33	140	5.2	0	181	350	130	1.7	.19	.4		370								
1400	5000	8590		15.0C			4.59	2.71	6.09	.13	.00	2.97	7.29	3.67	.03	10.0		851	217	3.2							
							34	20	45	1		21	52	26													
04/02/73	5000			58.1F	8.1	1280	91	32	140	5.4	0	179	340	120	2.6	.21	.5		360								
1340	5000			14.5C			4.54	2.63	6.09	.14	.00	2.93	7.08	3.38	.04	12.0		831	212	3.2							
							34	20	45	1		22	53	25													
04/30/73	5000			68.0F	7.8	1260	89	32	130	5.3	0	172	330	120	.3	.19	.4		350								
0835	5000	10700		20.0C			4.44	2.63	5.66	.14	.00	2.82	6.87	3.38	.00	8.9		800	213	3.0							
							34	20	44	1		22	53	26													
06/04/73	5000			78.8F	7.9	1580	100	35	190	5.2	0	212	400	170	1.2	.25	.6		390								
1300	5000	7130		26.0C			4.99	2.88	8.27	.13	.00	3.47	8.33	4.79	.02	12.0		1018	220	4.2							
							31	18	51	1		21	50	29													
07/30/73	5000			78.8F	7.8	1340	89	33	150	5.1	0	177	360	130	.7	.21	.5		360								
1300	5000	11500		26.0C			4.44	2.71	6.53	.13	.00	2.90	7.50	3.67	.01	11.0		866	213	3.5							
							32	20	47	1		21	53	26													
09/04/73	5000			79.7F	8.2	1430	96	33	170	5.4	0	184	400	150	.6	.23	.3		380								
1315	5000	4660		26.5C			4.79	2.71	7.40	.14	.00	3.02	8.33	4.23	.01	11.0		957	224	3.8							
							32	18	49	1		19	53	27													
W7 1600.00		COLORADO RIVER AT IMPERIAL DAM																									
10/11/72	5000				7.5	1560	100	35	180	5.7	0	203	400	170	--	.23	.6		1020	390							
5000	3650						4.99	2.88	7.83	.15	.00	3.33	8.33	4.79		13.0		1004	227	3.9							
							31	18	49	1		20	51	29													
10/18/72	5000				7.8	1610	99	36	190	5.9	0	200	400	180	--	.26	.7		1040	400							
5000	3560						4.94	2.96	8.27	.15	.00	3.28	8.33	5.08		14.0		1024	231	4.2							
							30	18	51	1		20	50	30													
10/25/72	5000				7.9	1660	110	36	190	6.0	0	209	440	180	--	.27	.7		420								
5000	3390						5.49	2.96	8.27	.15	.00	3.43	9.16	5.08		15.0		1080	251	4.0							
							33	18	49	1		19	52	29													
11/01/72	5000				7.7	1410	93	34	160	5.3	0	198	350	140	.9	.22	.6		370								
5000	5430						4.64	2.80	6.96	.14	.00	3.08	7.29	3.95	.01	12.0		888	218	3.6							
							32	19	48	1		21	51	28													
11/08/72	5000				8.0	1380	93	35	150	5.6	0	177	360	140	1.2	.20	.3		380								
5000	6330						4.64	2.88	6.53	.14	.00	2.90	7.50	3.95	.02	11.0		883	231	3.4							
							33	20	46	1		20	52	27													
11/22/72	5000				7.1	1560	110	34	180	6.1	0	203	390	170	8.0	.22	.7		410								
5000	3330						5.49	2.80	7.83	.16	.00	3.33	8.12	4.79	.13	18.0		1016	248	3.8							
							34	17	48	1		20	50	29	1												
12/06/72	5000				7.6	1430	100	32	160	5.3	0	183	380	150	1.2	.21	.6		380								
5000	6070						4.99	2.63	6.96	.14	.00	3.00	7.91	4.23	.02	13.0		932	231	3.6							
							34	18	47	1		20	52	28													
12/13/72	5000				8.3	1340	93	33	160	5.1	0	177	350	130	1.3	.20	.4		370								
5000	6670						4.64	2.71	6.96	.13	.00	2.90	7.29	3.67	.02	11.0		871	223	3.6							
							32	19	48	1		21	53	26													
12/20/72	5000				8.2	1410	95	34	170	5.4	0	183	360	140	1.2	.23	.4		380								
5000	6080						4.74	2.80	7.40	.14	.00	3.00	7.50	3.95	.02	14.0		910	227	3.8							
							31	19	49	1		21	52	27													
12/27/72	5050	2.08	10.8	54.0F	8.1	1500	95	36	173	5.1	0	188	370	152	2.0	.21	.5		962	385	6A						
1330	5050	5090	100	12.2C	8.1	1403	4.74	2.96	7.53	.13	.00	3.08	7.70	4.29	.03	--		926	231	3.8							
							31	19	49	1		20	51	28													
01/03/73	5000				8.1	1350	96	33	150	5.3	0	179	350	130	1.5	.20	.6		380								
5000	7210						4.79	2.71	6.53	.14	.00	2.93	7.29	3.67	.02	11.0		865	229	3.4							
							34	19	46	1		21	52	26													
01/10/73	5000				8.3	1350	92	33	150	5.7	0	177	360	130	1.4	.22	.5		370								
5000	7220						4.59	2.71	6.53	.15	.00	2.90	7.50	3.67	.02	10.0		869	220	3.4							
							33	19	47	1		21	53	26													



TABLE D-2 (CONT.)

DATE TIME	SAMPLER LAB	G.W. DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL ANALYSES OF SURFACE WATER										MILLIGRAMS PER LITER					REMARKS			
						MINERAL CONSTITUENTS IN										MILLIEQUIVALENTS PER LITER			PERCENT REACTANCE VALUE					
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	0	F	DS5	TH	TURB	REM				
W7 1600.00 COLORADO RIVER AT IMPERIAL DAM						CONTINUED																		
03/01/73	5000					95	32	150	5.1	0	189	370	140	1.2	.21	.7		370						
	5000	6430			8.1 1370	4.74	2.63	6.53	.13	.00	3.10	7.70	3.95	.02	11.0		897	214	3.4		5			
						34	19	47			21	52	27											
03/10/73	5000					89	31	130	5.1	0	176	320	120	1.4	.19	.5		350						
	5000	8160			8.2 1250	4.44	2.55	5.66	.13	.00	2.88	6.66	3.38	.02	9.7		793	206	3.0					
						35	20	44			22	51	26											
03/20/73	5000					90	31	140	5.3	0	181	350	130	1.2	.19	.4		350						
	5000	8630			8.1 1300	4.49	2.55	6.09	.14	.00	2.97	7.29	3.67	.02	11.0		848	204	3.2					
						34	19	46			21	52	26											
03/27/73	5050	2.30	9.1	60.0F	8.0	1150	83	31	127	5.0	0	170	295	111	2.2	.18	.4	756	335	23A				
	1045	5050	91	15.5C	8.0	1211	4.14	2.55	5.52	.13	.00	2.79	6.14	3.13	.04	--	--	738	195	3.0				
							21	45			23	51	26											
03/30/73	5000					92	30	140	5.4	0	170	320	120	1.4	.15	.5		350						
	5000	11440			8.1 1220	4.59	2.47	6.09	.14	.00	2.79	6.66	3.38	.02	11.0		804	214	3.2					
						35	19	46			22	52	26											
04/10/73	5000					90	31	120	5.2	0	172	320	110	1.0	.17	.5		350						
	5000	11720			8.0 1210	4.49	2.55	5.22	.13	.00	2.82	6.66	3.10	.02	10.0		772	211	2.8					
						36	21	42			22	53	25											
04/20/73	5000			66.2F		92	32	140	5.8	0	179	340	120	1.2	.19	.4		360						
	5000	11000		19.0C	8.0 1280	4.59	2.63	6.09	.15	.00	2.93	7.08	3.38	.02	9.3		829	215	3.2					
						34	20	45			22	53	25											
04/30/73	5000					96	33	130	5.1	0	175	360	120	1.1	.18	.5		380						
	5000	10260			8.2 1290	4.79	2.71	5.66	.13	.00	2.87	7.50	3.38	.02	9.2		841	232	2.9					
						36	20	43			21	54	25											
05/10/73	5000					92	33	140	5.3	0	178	340	120	.2	.18	.5		370						
	5000	9888			8.0 1300	4.59	2.71	6.09	.14	.00	2.92	7.08	3.38	.00	9.2		827	219	3.2					
						34	20	45			22	53	25											
05/20/73	5000					96	32	140	5.3	0	181	340	130	1.0	.19	.3		370						
	5000	8397			7.7 1320	4.79	2.63	6.09	.14	.00	2.97	7.08	3.67	.02	9.4		843	223	3.2					
						35	19	45			22	52	27											
06/01/73	5000					95	33	150	5.2	0	183	350	140	.4	.15	.5		370						
	5000	8290			8.0 1350	4.74	2.71	6.53	.13	.00	3.00	7.29	3.95	.01	10.0		874	223	3.4					
						34	19	46			21	51	28											
06/11/73	5000					90	33	140	5.2	0	182	340	120	.9	.19	.4		360						
	5000	9010			8.1 1290	4.49	2.71	6.09	.13	.00	2.98	7.08	3.38	.01	9.6		828	211	3.2					
						33	20	45			22	53	25											
06/20/73	5000					94	32	130	5.3	0	182	340	120	.9	.18	.5		370						
	5000	8650			7.8 1300	4.69	2.63	5.66	.14	.00	2.98	7.08	3.38	.01	9.7		922	217	3.0					
						36	20	43			22	53	25											
06/26/73	5050	2.25	7.9	84.0F	8.1	1300	89	35	141	5.1	0	174	339	127	1.2	.15	.4	878	366	10A				
	1100	5050	101	28.9C	8.0	1323	4.44	2.88	6.13	.13	.00	2.85	7.06	3.58	.02	--	--	823	224	3.2				
							33	21	45			21	52	26										
06/30/73	5000					94	33	130	5.3	0	176	350	120	.7	.19	.5		370						
	5000	9410			8.1 1300	4.69	2.71	5.66	.14	.00	2.88	7.29	3.38	.01	9.9		830	226	2.9					
						36	21	43			21	54	25											
07/09/73	5000					91	32	135	6.3	0	174	335	118	--	--	.6		794	360					
	5000	10390			8.0 1270	4.54	2.63	5.87	.16	.00	2.85	6.97	3.33		8.0		811	216	3.1					
						34	20	44			22	53	25											
07/12/73	5000					92	32	135	6.8	0	168	345	118	--	--	.4		812	360					
	5000	10480			7.9 1280	4.59	2.63	5.87	.17	.00	2.75	7.18	3.33		8.0		819	224	3.1					
						35	20	44			21	54	25											
07/16/73	5000					92	32	135	6.8	0	168	340	120	--	--	.5		818	360					
	5000	10470			8.0 1280	4.59	2.63	5.87	.17	.00	2.75	7.08	3.38		9.0		817	224	3.1					
						35	20	44			21	54	26											
07/19/73	5000					88	33	130	6.6	0	164	335	115	--	--	.5		790	355					
	5000	10880			8.0 1250	4.39	2.71	5.66	.17	.00	2.69	6.97	3.24		8.0		796	221	3.0					
						34	21	44			21	54	25											
07/23/73	5000					84	35	130	6.4	0	164	335	114	--	--	.7		792	355					
	5000	10900			8.1 1250	4.19	2.88	5.66	.16	.00	2.69	6.97	3.21		8.0		793	219	3.0					
						33	22	44			21	54	25											
07/26/73	5000					89	34	135	6.1	0	166	340	118	--	--	.7		800	360					
	5000	11010			8.0 1270	4.44	2.80	5.87	.16	.00	2.72	7.08	3.33		8.0		812	226	3.1					
						33	21	44			21	54	25											
07/30/73	5000					87	32	130	4.6	0	166	330	120	.9	.16	.6		350						
	5000	10730			8.2 1260	4.34	2.63	5.66	.12	.00	2.72	6.87	3.38	.01	10.0		796	213	3.0					
						34	21	44			21	53	26											
08/10/73	5000					91	33	170	5.3	0	168	360	130	.6	.22	.5		360						
	5000	10240			8.2 1300	4.54	2.71	7.40	.14	.00	2.75	7.50	3.67	.01	13.0		886	225	3.9					
						31	18	50			20	54	26											
08/20/73	5000					89	32	140	5.7	0	138	360	130	.8	.17	.2		350						

TABLE D-2 (CONT.)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	6.H. O DEPTH	DO SAT	TEMP	FIELD LABORATORY PN EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TOS SUM	TH MCM	TURB 5AR			
WT		1600.00	COLORADO RIVER AT IMPERIAL DAM			CONTINUED																
09/24/73	5000					86	34	135	6.0	0	164	340	118	--	--	.6	812	355				
	5000	8720			8.1 1270	4.29	2.80	5.87	.15	.00	2.69	7.08	3.33		7.0	807	220	3.1				
						33	21	45			21	54	25									
09/25/73	5050		7.8	75.0F	8.1 1300	84	35	140	4.9	0	162	339	124	1.2	.17	.7	827	354	5A			
	5050	8970	92	23.9C	8.1 1286	4.19	2.88	6.09	.13	.00	2.66	7.06	3.50	.02	--	808	221	3.2				
						32	22	46	1		20	53	26									
WT		1800.00	COLORADO R. NLY OF THE INTERNL BOY NEAR ANORADE																			
10/02/72	5000					111	37	206	--	--	220	400	200	--	--	--	1120	430				
	5000	745			8.1 1720	5.54	3.04	8.96			3.61	8.33	5.64		13.0			4.3				
						32	17	51														
10/10/72	5000					103	36	171	--	--	188	375	165	--	--	--	980	405				
	5000	1350			8.0 1530	5.14	2.96	7.44			3.08	7.81	4.65		11.0			3.7				
						33	19	48														
10/16/72	5000					126	43	239	--	--	252	430	252	--	--	--	1280	490				
	5000	702			8.1 1970	6.29	3.54	10.40			4.13	8.95	7.11		16.0			4.7				
						31	17	51														
10/24/72	5000					125	43	217	--	--	244	420	230	--	--	--	1230	490				
	5000	605			8.0 1860	6.24	3.54	9.44			4.00	8.74	6.49		14.0			4.3				
						32	18	49														
10/30/72	5000					118	43	252	--	--	248	430	260	--	--	--	1260	470				
	5000	693			8.1 1980	5.89	3.54	10.96			4.06	8.95	7.33		16.0			5.1				
						29	17	54														
11/06/72	5000					114	40	230	--	--	234	405	240	--	--	--	1210	450				
	5000	643			8.0 1840	5.69	3.29	10.01			3.84	8.43	6.77		16.0			4.7				
						30	17	53														
11/13/72	5000					113	38	220	--	--	226	400	230	--	--	--	1150	440				
	5000	719			8.0 1800	5.64	3.13	9.57			3.70	8.33	6.49		15.0			4.6				
						31	17	52														
11/20/72	5000					115	41	210	--	--	226	410	220	--	--	--	1130	455				
	5000	719			8.1 1780	5.74	3.37	9.14			3.70	8.54	6.20		13.0			4.3				
						31	18	50														
11/27/72	5000					122	41	240	--	--	246	430	250	--	--	--	1250	475				
	5000	746			8.0 1940	6.09	3.37	10.44			4.03	8.95	7.05		14.0			4.8				
						31	17	52														
12/04/72	5000					118	40	225	--	--	238	415	235	--	--	--	1190	460				
	5000	659			8.0 1860	5.89	3.29	9.79			3.90	8.64	6.63		15.0			4.6				
						31	17	52														
12/11/72	5000					105	36	185	--	--	200	380	182	--	--	--	1010	410				
	5000	1640			8.1 1590	5.24	2.96	8.05			3.28	7.91	5.13		11.0			4.0				
						32	18	50														
12/18/72	5000					106	37	190	--	--	204	390	185	--	--	--	1030	415				
	5000	1600			8.1 1620	5.29	3.04	8.27			3.34	8.12	5.22		11.0			4.0				
						32	18	50														
12/26/72	5000					112	41	220	--	--	220	410	230	--	--	--	1170	450				
	5000	1590			8.1 1830	5.59	3.37	9.57			3.61	8.54	6.49		12.0			4.5				
						30	18	52														
01/02/73	5000					102	38	180	--	--	200	375	180	--	--	--	1010	410				
	5000	2310			8.1 1570	5.09	3.13	7.83			3.28	7.81	5.08		10.0			3.9				
						32	20	49														
01/08/73	5000					104	39	190	--	--	198	385	195	--	--	--	1060	420				
	5000	2240			8.1 1620	5.19	3.21	8.27			3.25	8.02	5.50		10.0			4.0				
						31	19	50														
01/15/73	5000					106	38	190	--	--	204	390	195	--	--	--	1080	420				
	5000	2210			8.1 1660	5.29	3.13	8.27			3.34	8.12	5.50		10.0			4.0				
						32	19	50														
01/22/73	5000					111	40	210	--	--	224	405	218	--	--	--	1150	440				
	5000	925			8.1 1760	5.54	3.29	9.14			3.67	8.43	6.15		13.0			4.3				
						31	18	51														
01/29/73	5000					111	40	210	7.6	--	220	405	220	--	--	--	1130	440				
	5000	959			8.1 1770	5.54	3.29	9.14	.19		3.61	8.43	6.20		12.0			4.3				
						31	18	50	1													
03/05/73	5000					103	35	180	7.2	0	198	370	180	--	--	--	992	400				
	5000	2520			8.1 1550	5.14	2.88	7.83	.18	.00	3.25	7.70	5.08		11.0		984	239	3.9			
						32	18	49	1		20	48	32									
03/12/73	5000					100	33	165	7.4	0	192	355	162	--	--	--	952	385				
	5000	2690			8.1 1470	4.99	2.71	7.18	.19	.00	3.15	7.39	4.57		10.0		927	228	3.7			
						33	18	48	1		21	49	30									
03/19/73	5000					98	37	170	6.8	0	198	365	165	--	--	--	974	395				
	5000	2940			8.1 1500	4.89	3.04	7.40	.17	.00	3.25	7.60	4.65		10.0		949	234	3.7			
						32	20	48	1		21	49	30									
03/26/73	5000					97	34	160	7.0	0	188	345	158	--	--	--	884	380				
	5000	2990			8.1 1420	4.84	2.80	6.96	.18	.00	3.08	7.18	4.46		10.0		903	228	3.6			
						33	19	47	1		21	49	30									
04/02/73	5000					98	33	165	7.0	0	190	345	162	--	--	--	928	380				
	5000	2890			8.2 1440	4.89	2.71	7.18	.18	.00	3.11	7.18	4.57		11.0		914	225	3.7			
						33	18	48	1		21	48	31									
04/09/73	5000					97	35	165	6.8	0	192	345	165	--	--	--	920	385				
	5000	2910			8.1 1450	4.84	2.88	7.18	.17	.00	3.15	7.18	4.65		10.0		918	229	3.7			
						32	19	48	1		21	48	31									
04/16/73	5000					99	34	165	6.8	0	192	345	165	--	--	--	938	385				
	5000	2820			8.2 1460	4.94	2.80	7.18	.17	.00	3.15	7.18	4.65		10.0		919	230	3.6			
						33	19	48	1													

TABLE D-2 (CONT.)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.N. O DEPTH	DO SAT	TEMP	FIELD LABORATORY PN EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER HILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	NO3	SO4	CL	NO3	B	F	TOS SUM	TH NCM	TURB SAR			
WT 1000.00		COLORADO R. NLY OF THE INTERNAL BDY NEAR ANDRAE										CONTINUED										
04/23/73	5000					101	34	165	6.7	0	194	350	165	--	--	--	918	390				
	5000	2520			8.0 1460	5.04	2.80	7.18	.17	.00	3.18	7.29	4.65		10.0	927	233	3.6				
						33	18	47	1		21	48	31									
04/30/73	5000					106	35	180	6.9	0	204	370	180	--	--	--	1010	410				
	5000	1310			8.0 1560	5.29	2.88	7.83	.18	.00	3.34	7.70	5.08		11.0	989	242	3.9				
						33	18	48	1		21	48	32									
05/07/73	5000					106	34	190	7.4	0	216	350	200	--	--	--	1020	405				
	5000	1020			8.1 1610	5.29	2.80	8.27	.19	.00	3.54	7.29	5.64		13.0	1007	228	4.1				
						32	17	50	1		21	44	34									
05/14/73	5000					94	29	175	8.0	0	214	270	205	--	--	--	944	355				
	5000	1360			8.1 1490	4.69	2.38	7.61	.20	.00	3.51	5.62	5.78		13.0	899	178	4.0				
						32	16	51	1		24	38	39									
05/21/73	5000					86	28	165	8.4	0	212	220	208	--	--	--	856	330				
	5000	1320			8.1 1380	4.29	2.30	7.18	.21	.00	3.47	4.58	5.87		13.0	833	156	4.0				
						31	16	51	2		25	33	42									
05/29/73	5000					78	24	160	8.4	0	212	175	210	--	--	--	792	295				
	5000	1250			8.0 1320	3.89	1.97	6.96	.21	.00	3.47	3.64	5.92		15.0	775	120	4.1				
						30	15	53	2		27	28	45									
06/04/73	5000					82	26	165	8.7	0	216	190	215	--	--	--	848	318	754			
	5000	1460			8.1 1370	4.09	2.14	7.18	.22	.00	3.54	3.96	6.06		13.0	806	135	4.1				
						30	16	53	2		26	29	45									
06/11/73	5000					110	34	220	8.3	0	236	320	265	--	--	--	1140	415	304			
	5000	1380			8.1 1770	5.49	2.80	9.57	.21	.00	3.87	6.66	7.47		12.0	1085	221	4.7				
						30	15	53	1		22	37	42									
06/18/73	5000					98	31	180	7.4	0	206	315	192	--	--	--	964	370	5A			
	5000	1920			8.1 1510	4.89	2.55	7.83	.19	.00	3.38	6.58	5.41		11.0	936	203	4.1				
						32	16	51	1		22	43	35									
06/25/73	5000					86	28	188	8.3	0	210	255	210	--	--	--	880	330	40A			
	5000	1980			8.1 1460	4.29	2.30	7.83	.21	.00	3.44	5.31	5.92		15.0	886	158	4.3				
						29	16	54	1		23	36	40									
07/02/73	5000					101	34	180	7.2	0	208	335	190	--	--	--	958	390	5A			
	5000	2190			8.1 1540	5.04	2.80	7.83	.18	.00	3.41	6.97	5.36		10.0	959	222	4.0				
						32	18	49	1		22	44	34									
07/09/73	5000					101	36	185	7.2	0	198	360	195	--	--	--	1000	400	3A			
	5000	2260			8.1 1580	5.04	2.96	8.05	.18	.00	3.25	7.50	5.50		10.0	992	238	4.0				
						31	18	50	1		20	46	34									
07/16/73	5000					103	35	180	7.3	0	196	360	185	--	--	.5	990	400	1A			
	5000	2550			8.1 1560	5.14	2.88	7.83	.19	.00	3.21	7.50	5.22		10.0	977	241	3.9				
						32	18	49	1		20	47	33									
07/23/73	5000					101	36	180	6.8	0	192	365	185	--	--	.6	984	400	5A			
	5000	2330			8.1 1560	5.04	2.96	7.83	.17	.00	3.15	7.60	5.22		11.0	979	243	3.9				
						32	19	49	1		20	48	33									
07/30/73	5000					99	36	170	6.5	0	184	360	172	--	--	.5	948	395	14			
	5000	2340			8.1 1500	4.94	2.96	7.40	.17	.00	3.02	7.50	4.85		10.0	944	244	3.7				
						32	19	48	1		20	49	32									
08/06/73	5000					101	36	175	6.6	0	190	365	178	--	--	.7	974	400	6A			
	5000	2200			8.1 1530	5.04	2.96	7.61	.17	.00	3.11	7.60	5.02		11.0	966	245	3.8				
						32	19	48	1		20	48	32									
08/13/73	5000					99	36	170	6.9	0	188	365	170	--	--	.6	962	395	2A			
	5000	2300			8.1 1510	4.94	2.96	7.40	.18	.00	3.08	7.60	4.79		11.0	950	241	3.7				
						32	19	48	1		20	49	31									
08/20/73	5000					103	38	190	7.4	0	192	385	200	--	--	.8	1050	415	10A			
	5000	2170			8.1 1620	5.14	3.13	8.27	.19	.00	3.15	8.02	5.64		12.0	1030	256	4.1				
						31	19	49	1		19	48	34									
08/27/73	5000					99	36	175	7.5	0	196	365	170	--	--	.6	984	395	2A			
	5000	1870			8.1 1520	4.94	2.96	7.61	.19	.00	3.21	7.60	4.79		11.0	960	235	3.8				
						31	19	48	1		21	49	31									
09/04/73	5000					102	39	190	6.7	0	200	375	198	--	--	.4	1010	415	5A			
	5000	1290			8.2 1610	5.09	3.21	8.27	.17	.00	3.28	7.81	5.58		12.0	1021	251	4.1				
						30	19	49	1		20	47	33									
09/10/73	5000					105	38	190	6.8	0	196	375	205	--	--	.4	1030	420	14			
	5000	1370			8.0 1640	5.24	3.13	8.27	.17	.00	3.21	7.81	5.78		12.0	1028	258	4.0				
						31	19	49	1		19	46	34									
09/17/73	5000					106	38	195	6.7	0	200	380	205	--	--	.6	1040	420	2A			
	5000	1330			8.1 1650	5.29	3.13	8.48	.17	.00	3.28	7.91	5.78		12.0	1041	257	4.1				
						31	18	50	1		19	47	34									
09/24/73	5000					106	38	195	6.3	0	202	380	205	--	--	.6	1060	420	5A			
	5000	1330			8.1 1650	5.29	3.13	8.48	.16	.00	3.31	7.91	5.78		12.0	1042	256	4.1				
						31	18	50	1		19	47	34									
WT 1905.00		PALO VERDE CANAL NEAR BLYTHE																				
10/02/72	5000			71.6F		84	32	100	5.2	0	148	320	97	--	.15	.4		340				
	1025	5000	1190	22.0C	8.0 1140	4.19	2.63	4.35	.13	.00	2.43	6.66	2.74		8.9	720	220	2.4				
						37	23	38	1		21	56	23									
11/06/72	5000					83	31	100	4.9	0	155	300	96	1.0	.15	.4		330				
	1100	5000			7.3 1140	4.14	2.55	4.35	.13	.00	2.54	6.25	2.71	.02	9.0	701	208	2.4				



TABLE D-2 (CONT.)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. O DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					
						CA	MG	NA	K	CO3	MCO3	SO4	CL	NO3	B	F	TOS SUM	TH NCH	TURB SAR	REM		
																					STO2	SI02
W7 1905.00						PALO VERDE CANAL NEAR BLYTHE						CONTINUED										
03/05/73	5000			55.4F		87	30	110	6.4	0	170	320	97	2.3	.16	.4			340			
0850	5000	1150		13.0C	7.6 1150	4.34	2.47	4.79	.16	.00	2.79	6.66	2.74	.04		9.9	746	201	2.6			
						37	21	41	1		23	54	22									
04/02/73	5000			58.1F		84	28	100	5.0	0	163	290	90	2.0	.19	.3			330			
0840	5000			14.5C	8.0 1080	4.19	2.30	4.35	.13	.00	2.67	6.04	2.54	.03		10.0	689	191	2.4			
						38	21	40	1		24	54	23									
04/30/73	5000			67.1F		87	31	110	5.1	0	163	310	95	.3	.15	.3			350			
1100	5000	1990		19.5C	8.0 1150	4.34	2.55	4.79	.13	.00	2.67	6.45	2.68	.00		8.1	727	211	2.6			
						37	22	41	1		23	55	23									
06/04/73	5000			74.3F		89	31	110	4.9	0	172	310	96	1.2	.15	.5			350			
0730	5000			23.5C	8.0 1150	4.44	2.55	4.79	.13	.00	2.82	6.45	2.71	.02		8.3	735	209	2.6			
						37	21	40	1		24	54	23									
07/02/73	5000			76.1F		89	31	110	5.2	0	162	330	99	1.9	.16	.4			350			
0700	5000	1840		24.5C	7.8 1160	4.44	2.55	4.79	.13	.00	2.66	6.87	2.79	.03		8.5	754	217	2.6			
						37	21	40	1		22	56	23									
07/30/73	5000			77.9F		82	31	110	5.1	0	153	320	99	1.3	.16	.4			330			
0705	5000	1870		25.5C	7.9 1120	4.09	2.55	4.79	.13	.00	2.51	6.66	2.79	.02		9.3	733	207	2.6			
						35	22	41	1		21	56	23									
09/04/73	5000			75.2F		81	31	110	5.9	0	149	320	95	.4	13	.3			330			
0745	5000			24.0C	7.9 1120	4.84	2.55	4.79	.15	.00	2.44	6.66	2.68	.01		9.4	726	208	2.6			
						35	22	42	1		21	56	23									
W7 1929.00						ALL AMERICAN CANAL ABOVE PILOT KNOB WASTEWAY																
12/27/72	5050	17.15	10.5	54.0F	8.1 1600	--	--	--	--	--	--	390	171	--	--	--	1035	419	4A			
1230	5050	3589	98	12.2C								8.12	4.82									
03/27/73	5050	17.35	9.3	60.0F	8.0 1075	--	--	--	--	--	--	789	102	--	--	--	741	328				
0950	5050	8047	93	15.5C								6.02	2.88									
06/26/73	5050	17.34	6.8	84.0F	8.0 1225	--	--	--	--	--	--	336	114	--	--	--	837	362	8A			
1000	5050	6032	87	28.9C								7.00	3.21									
09/25/73	5050	17.30	7.8	75.0F	8.1 1275	--	--	--	--	--	--	335	63	--	--	--	820	353	7A			
0800	5050	5791	92	23.9C								6.97	1.78									
W9 1100.00						NEW RIVER NEAR WESTMORLAND																
12/26/72	5050	73.20	8.8	57.0F	7.7 7200	--	--	--	--	--	--	876	1420	--	--	--	3914	1127	54A			
1345	5050	444	85	13.9C								18.24	40.04									
03/26/73	5050	4.80	7.6	63.0F	7.7 4600	--	--	--	--	--	--	755	1150	--	--	--	3274	938				
1345	5050	718	79	17.2C								15.72	32.43									
06/25/73	5050	4.43	4.2	84.0F	7.7 5200	--	--	--	--	--	--	774	1110	--	--	--	3232	929	128A			
1200	5050	603	54	28.9C								16.11	31.30									
09/24/73	5050	4.93	6.9	75.0F	7.7 4750	--	--	--	--	--	--	791	1030	--	--	--	3135	457	132A			
1230	5050	666	81	23.9C								16.47	29.05									
W9 1800.00						NEW RIVER AT THE INTERNATIONAL BOUNDARY																
12/27/72	5050	8.56		53.0F		--	--	--	--	--	--	712	1480	--	--	--	3804	1058	24A			
1030	5050	172		11.7C								14.82	41.74									
03/27/73	5050	8.66		64.0F		--	--	--	--	--	--	817	1790	--	--	--	4482	1134				
1545	5050	193		17.8C								17.01	50.48									
06/26/73	5050	8.00		85.0F		--	--	--	--	--	--	867	2160	--	--	--	5138	1209	20A			
0800	5050	141		29.4C								18.05	60.91									
W9 2025.00						ALAMO RIVER NORTH OF THE INTERNATIONAL BOUNDARY																
12/27/72	5050	9.1		61.0F	7.8 3700	--	--	--	--	--	--	784	680	--	--	--	2516	825	8A			
1130	5050	3E	92	16.1C								16.32	19.18									
03/27/73	5050	8.3		62.0F	7.8 3000	--	--	--	--	--	--	477	510	--	--	--	2098	684				
1500	5050	3E	85	16.7C								14.10	14.38									
06/26/73	5050	4.5		79.0F	7.4 2700	--	--	--	--	--	--	541	465	--	--	--	1819	611	14A			
0900	5050	3E	55	26.1C								11.26	13.11									
W9 2100.00						ALAMO RIVER NEAR CALIPATRIA																
12/26/72	5050	9.80	9.4		7.8 4400	--	--	--	--	--	--	1000	870	--	--	--	3216	1099	200A			
1245	5050	606										20.82	24.53									
03/26/73	5050	1.06	8.3	63.0F	7.7 3160	--	--	--	--	--	--	743	540	--	--	--	2223	784				
1245	5050	1140	86	17.2C								15.47	15.23									
06/25/73	5050	0.68	5.8	84.0F	7.7 3400	--	--	--	--	--	--	794	595	--	--	--	2395	844	150A			
1130	5050	805	74	28.9C								16.53	16.78									
09/24/73	5050	0.90	7.5	74.0F	7.7 3600	--	--	--	--	--	--	837	575	--	--	--	2415	847	156A			
1145	5050	1111	87	23.3C								17.43	16.22									

TABLE D-2 (CONT.)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O DEPTH	OO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REFRACTANCE VALUE			MILLIGRAMS PER LITER					REH
						CA	MG	NA	K	CO3	HCO3	CO4	CL	NO3	8	F	TDS	TH	TURB	SAR				
W9		2250.10		ROSE DRAIN AT THE ALAMO RIVER																				
12/27/72	5050	0.80	9.0	48.0F	8.3	6900	261	165	840	54	0	347	914	1360	48.9	.64	.8	3942	1329	38A				
0830	5050	37	77	8.9C	7.6	5804	13.02	13.57	36.54	1.38	.00	5.69	19.03	38.35	.79	--	--	3814	1046	10.0				
							20	21	57	2		9	30	60	1									
03/26/73	5050	1.56	7.6	62.0F	7.8	3200	181	93	416	12	0	207	650	615	26.4	.80	.7	2171	834	130A				
1345	5050	103	78	16.7C	7.7	3229	9.03	7.65	18.10	.31	.00	3.39	13.53	17.34	.43	--	--	2096	465	6.3				
							26	22	52	1		10	39	50	1									
06/26/73	5050	1.04	3.7	77.0F	7.7	4300	235	131	585	13	0	226	832	940	18.5	.64	.7	3077	1125	214A				
0600	5050	56	44	25.0C	8.0	4521	11.73	10.77	25.45	.35	.00	3.70	17.32	26.51	.30	--	--	2867	941	7.6				
							24	22	53	1		8	36	55	1									
09/25/73	5050	1.58	7.2	71.0F	7.7	3550	192	108	463	10	0	218	788	655	21.6	.48	1.2	2453	923	140A				
1100	5050	105	81	21.6C	7.9	3716	9.58	8.88	20.14	.27	.00	3.57	16.41	18.47	.35	--	--	2346	745	6.6				
							25	23	52	1		9	42	48	1									
W9		2250.10		CENTRAL DRAIN AT THE ALAMO RIVER																				
12/27/72	5050	0.84	8.9	54.0F	7.7	6600	314	158	808	12	0	245	1217	1160	83.1	.92	1.1	4000	1433	31A				
0930	5050	45	83	12.2C	7.2	5519	15.67	12.99	35.15	.31	.00	4.02	25.34	32.71	1.34	--	--	3873	1233	9.3				
							24	20	55			6	40	52	2									
03/26/73	5050	1.68	6.7	59.0F	7.7	2650	155	74	332	11	0	173	647	395	52.0	.66	.7	1796	691	62A				
1630	5050	154	66	15.0C	7.5	2734	7.73	6.09	14.44	.30	.00	2.84	13.47	11.14	.84	--	--	1753	549	5.5				
							27	21	51	1		10	48	39	3									
06/26/73	5050	1.11	6.5	80.0F	7.7	3100	180	80	384	12	0	211	686	495	37.5	.42	.6	2081	778	136A				
0700	5050	69	80	26.6C	7.4	3160	8.98	6.58	16.70	.31	.00	3.46	14.28	13.96	.60	--	--	1979	605	6.0				
							28	20	51	1		11	44	43	2									
09/25/73	5050	1.58	7.0	72.0F	7.7	3250	190	88	424	9.2	0	197	801	515	50.4	.46	1.2	2242	836	98A				
1200	5050	136	80	22.2C	7.2	3344	9.48	7.24	18.44	.24	.00	3.23	16.68	14.52	.81	--	--	2175	675	6.4				
							27	20	52	1		9	47	41	2									
X2		1155.50		FALLBROOK CREEK AT NAVAL WEAPONS STA. ROY.																				
11/01/72	5007						86	38	172	3.7	--	127	347	160	71.0	.30	.5	1020	372					
5877					8.3	1455	4.29	3.13	7.48	.09		2.08	7.22	4.51	1.15	21.0				3.9				
							29	21	50	1		14	48	30	8									
01/03/73	5007				7.4		120	49	185	9.4	--	303	350	180	31.0	.80	.9	1225	500					
5877					6.9	1750	5.99	4.03	8.05	.24		4.97	7.29	5.08	.50	22.0				3.6				
							33	22	44	1		28	41	28	3									
02/01/73	5007				6.6	1760	117	51	161	9.0	--	293	325	192	43.4	.50	.8	1230	500					
5877							5.84	4.19	7.00	.23		4.80	6.77	5.41	.70	27.0				3.1				
							34	24	41	1		27	38	31	4									
03/01/73	5007				7.3		110	48	196	10	--	293	390	184	6.6	.40	.7	1190	472					
5877					7.4	1750	5.49	3.95	8.53	.27		4.80	8.12	5.19	.11	26.0				3.9				
							30	22	47	1		26	45	28	1									
03/29/73	5007				7.3		120	47	171	8.0	--	305	360	178	2.7	.90	.8	1218	492					
5877					7.3	1740	5.99	3.87	7.44	.20		5.00	7.50	5.02	.04	30.0				3.4				
							34	22	43	1		28	43	29										
04/26/73	5007				7.3		117	44	175	9.6	--	195	400	182	16.0	.60	.9	1205	472					
5877					7.3	1720	5.84	3.62	7.61	.25		3.20	8.33	5.13	.26	21.0				3.5				
							34	21	44	1		19	49	30	2									
06/01/73	5007				7.4		102	44	195	9.0	--	205	350	200	7.9	.70	.6	1150	424					
5877					9.2	1645	5.09	3.62	8.48	.23		3.36	7.29	5.64	.13	14.0				4.1				
							29	21	49	1		20	44	34	1									
06/27/73	5007				7.2		117	33	180	9.6	--	190	375	196	.3	.60	1.4	1162	428					
5877					8.2	1660	5.84	2.71	7.83	.25		3.11	7.81	5.53	.00	23.0				3.8				
							35	16	47	2		19	47	34										
08/02/73	5007				7.3		104	32	184	11	--	210	370	188	9.0	.40	1.5	1162	392					
5877					7.1	1660	5.19	2.63	8.00	.30		3.44	7.70	5.30	.15	25.0				4.0				
							32	16	50	2		21	46	32	1									
X2		1235.50		DELUZ C BL UNNAMED TR18 ADJ TO DELUZ-MURRIETA RD																				
11/01/72	5007						51	13	54	1.0	--	195	.28	76	4.0	.10	.3	393	180					
5877					8.3	562	2.54	1.07	2.35	.03		3.20	.58	2.14	.06	35.0				1.7				
							42	18	39	1		54	10	36	1									
01/03/73	5007				8.2		70	10	76	1.5	--	224	88	80	.9	.10	.4	520	216					
5877					8.2	740	3.49	.82	3.31	.04		3.67	1.83	2.26	.01	34.0				2.3				
							46	11	43	1		47	24	29										
02/01/73	5007				7.6		67	7.8	80	1.7	--	205	90	84	2.2	.00	.5	540	200					
5877					7.6	770	3.34	.64	3.48	.04		3.36	1.87	2.37	.04	36.0				2.5				
							45	9	46	1		44	24	31	1									
03/01/73	5007				7.2		31	10	40	1.6	--	122	46	44	2.6	.00	.3	266	120					
5877					7.7	380	1.55	.82	1.74	.04		2.00	.96	1.24	.04	33.0				1.6				
							37	20	42	1		47	23	29	1									
03/29/73	5007				7.2		26	7.8	33	1.5	--	102	33	36	2.7	.20	.2	245	100					
5877					8.0	350	1.30	.64	1.44	.04		1.67	.69	1.02	.04	34.0				1.5				
							38	19	42	1		49	20	30	1									
04/26/73	5007				7.2		35	14	38	1.6	--	120	27	52	1.1	.10	.3	315	144					
5877					8.6	450	1.75	1.15	1.65	.04		1.97	.56	1.47	.02	33.0				1.4				
							38	25	36	1		49	14	37										
05/31/73	5007				8.0		45	14	40	1.7	--	102	52	28	.2	.20	.3	400	168					
5877					9.3	572	2.25	1.15	1.74	.04		1.67	1.08											

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. O DEPTM	OO SAT	TEMP	FIELD LABORATORY PM EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER					MILLIGRAMS PER LITER					REM
						PERCENT REACTANCE VALUE										MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	0	F	TDS	TH	TURB	5102	SUM	NCH	54R			
X2 1350.00 SANTA MARGARITA RIVER NEAR FALLBROOK																										
12/28/72	5050		10.7	48.0F	7.9	1450	119	43	146	3.5	0	345	220	194	.0	.21	.4	922	474	3A						
1315	5050		92	8.9C	8.0	1415	5.94	3.54	6.35	.09	.00	5.65	4.58	5.47	.00	--	--	895	192	2.9						
							37	22	40	1		36	29	35												
04/11/73	5050		11.4	59.0F	8.1	1180	95	40	120	3.5	0	302	188	158	1.4	.13	.4	785	402	3A						
0945	5050		113	15.0C		1279	4.74	3.29	5.22	.09	.00	4.95	3.91	4.46	.02	--	--	755	154	2.6						
							36	25	39	1		37	29	33												
06/27/73	5050		8.9	78.0F	7.8	1450	117	46	147	3.5	0	389	180	205	.4	.15	.4	961	481	3A						
1200	5050		108	25.5C	8.3		5.84	3.78	6.39	.09	.00	6.38	3.75	5.78	.01	--	--	890	162	2.9						
							36	23	40	1		40	24	36												
09/26/73	5050		9.2	69.0F	8.0	1375	112	44	146	3.5	0	401	163	201	.2	.17	.7	892	461	2A						
1230	5050	2E	102	20.5C	8.1	1454	5.59	3.62	6.35	.09	.00	6.57	3.39	5.67	.00	--	--	867	132	3.0						
							36	23	41	1		42	22	36												
X4 1200.00 SAN DIEGUITO RIVER AT LAKE HOOGES																										
10/03/72	5229						214	102	313	14	0	235	766	422	.6	.20	.2	2066*	958	8A	E					
	5229				8.2	2570	10.68	8.39	13.62	.36	.00	3.85	15.95	11.90	.01		4.0	1951	762	4.4	C					
							32	25	41	1		12	50	38												
11/07/72	5229				9.2	2660	11.78	8.06	10.53	.44	.00	3.80	13.99	12.86	.00	.51	.2	2091*	948	19A	E					
	5229						38	26	34	1		12	46	42			4.8	1841	803	3.3						
							38	26	34	1		12	46	42												
12/05/72	5229				8.0	1950	155	70	180	14	0	176	486	305	.9	.17	.1	1537*	680	14C	E					
	5229						7.73	5.76	7.83	.37	.00	2.08	10.12	8.60	.01		13.3	1311	531	3.0						
							36	27	36	2		13	47	40												
01/05/73	5229				8.0	1780	141	57	165	11	0	177	456	264	.7	.24	.2	1290*	588	7A	E					
	5229						7.04	4.69	7.18	.29	.00	2.90	9.49	7.44	.01		17.0	1199	442	3.0						
							37	24	37	2		15	48	38												
02/06/73	5229				8.2	1660	130	56	170	10	0	203	352	260	7.0	.17	.4	1247*	558	8A	E					
	5229						6.49	4.61	7.40	.27	.00	3.33	7.33	7.33	.11		18.0	1104	389	3.1						
							35	25	39	1		18	40	40	1											
03/06/73	5229				8.1	1580	116	55	164	9.3	0	212	715	246	3.8	.22	.2	1208*	520	4A	E					
	5229						5.79	4.52	7.13	.24	.00	3.47	6.56	6.94	.04		16.6	1030	342	3.1						
							33	26	40	1		20	39	41												
04/03/73	5229				7.8	1490	106	53	149	5.3	0	221	295	237	3.5	--	.1	1027*	484	3A						
	5229						5.29	4.36	6.48	.14	.00	3.62	6.14	6.68	.06		15.0	972	302	3.0						
							33	27	40	1		22	37	40												
05/08/73	5229				8.1	1550	109	55	150	9.3	0	250	265	255	2.2	.13	.1	1121*	500	7A	E					
	5229						5.44	4.52	6.53	.24	.00	4.10	5.52	7.19	.04		17.2	986	293	2.9						
							33	27	39	1		24	33	43												
06/05/73	5229				8.1	1620	114	59	160	11	0	268	270	258	1.6	--	.2	1210*	530	5A	E					
	5229						5.69	4.85	6.96	.29	.00	4.39	5.62	7.28	.03		18.9	1025	308	3.0						
							32	27	39	2		25	32	42												
07/13/73	5229				8.0	1700	126	60	172	14	0	303	335	274	1.3	.11	.3	1336*	566	7A	F					
	5229						6.29	4.93	7.48	.38	.00	4.97	6.97	7.73	.02		22.4	1154	313	3.2						
							33	26	39	2		25	35	39												
08/07/73	5229				8.2	1720	132	64	190	14	0	321	304	293	1.3	.09	.4	1326*	596	7A	F					
	5229						6.59	5.26	8.27	.37	.00	5.26	6.33	8.26	.02		20.0	1177	330	3.4						
							32	26	40	2		26	32	42												
09/11/73	5229				8.3	1790	142	65	180	8.9	0	348	322	305	2.1	.08	.4	1360*	626	5A	E					
	5229						7.09	5.35	7.83	.23	.00	5.70	6.70	8.60	.03		24.5	1221	337	3.1						
							35	26	38	1		27	32	41												
X4 2500.00 SANTA YSABEL CREEK AT SUTHERLAND DAM																										
11/07/72	5229				8.5	535	32	18	49	23	6.0	157	40	67	.8	.06	.2	326*	156	3A	C					
	5229						1.60	1.48	2.13	.59	.20	2.57	.83	1.89	.01		4.6	318	16	1.7						
							28	26	37	10	4	47	15	34												
05/15/73	5229				9.6	397	29	12	30	11	4.0	41	32	50	1.3	.10	.3	281*	124	4A	E					
	5229						1.45	.99	1.32	.28	1.36	.67	.67	1.41	.02		18.0	245	21	1.2						
							36	25	33	7	33	16	16	34												
X4 3400.05 ESCONDIDO CREEK NEAR HARMONY GROVE																										
12/28/72	5050		10.2	56.0F	7.4	2090	--	--	--	--	--	--	276	356	--	--	--	1234	433	12A						
	5050	7E	97	13.3C									5.75	10.04												
04/11/73	5050		9.4	66.0F	7.4	2000	--	--	--	--	--	--	285	365	--	--	--	1261	267	4A						
	5050	5E	100	19.9C									5.93	10.29												
06/27/73	5050		9.0	76.0F	7.4	2000	--	--	--	--	--	--	267	385	--	--	--	1286	436	8A						
	5050	12E	107	24.4C									5.56	10.86												
09/26/73	5050		9.8	70.0F	7.4	1950	--	--	--	--	--	--	257	345	--	--	--	1207	411	8A						
	5050	10E	109	21.1C									5.35	9.73												
X5 1160.00 ALVARADO CANYON AT MURRAY DAM																										
10/31/72	5229				8.3	1145	77	36	118	8.2	0	140	205	130	.0	.19	.2	809*	342	2A	C					
	5229						3.84	2.96	5.13	.21	.00	2.29	5.93	3.67	.00		6.1	729	226	2.8	E					
							32	24	42	2		19	50	31												
05/01/73	5229				8.3	1118	78	32	115	4.2	0	142	305	110	.4	.14	.2	757*	330	2A	C					
	5229						3.89	2.63																		



TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. O DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER					REM
						MILLIEQUIVALENTS PER LITER										PERCENT REACTANCE VALUE					
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCM	TURB 5AR		
X5 1230.30 SAN DIEGO RIVER AT OLD MISSION DAM																					
12/26/72	5050		6.4	52.0F	7.3	2560	--	--	--	--	--	532	386	--	--	--	1619	634	8A		
1000	5050	10E	58	11.1C								11.08	10.89								
04/11/73	5050		5.4	70.0F	7.3	1925	--	--	--	--	--	390	340	--	--	--	1301	517			
1400	5050	6E	60	21.1C								8.12	9.59								
06/27/73	5050		5.1	74.0F	7.6	2025	--	--	--	--	--	369	344	--	--	--	1372	497	12A		
0900	5050	6E	59	23.3C								8.10	9.70								
09/26/73	5050		5.3	64.0F	7.4	2050	--	--	--	--	--	365	316	--	--	--	1260	455	16A		
0915	5050	6E	55	17.8C								7.60	8.91								
X5 1320.00 SAN VICENTE CREEK AT SAN VICENTE DAM																					
01/02/73	5229						80	33	115	6.7	0	144	303	103	.4	.12	.2	779*	336	1A<	E
5229			8.1	1110	3.99	2.71	5.00	.17	.00	2.36	6.31	2.90	.01		.12	.2	779*	336	1A<	E	
					34	23	42	1		20	54	25			10.4		722	217	2.7		
03/27/73	5229						77	32	113	6.8	9.6	120	308	97	1.1	.00	.3	714*	326	2A	
5229			8.5	1048	3.84	2.63	4.92	.17	.32	1.97	6.41	2.74	.02		.00	.3	714*	326	2A		
					33	23	43	1	3	17	56	24			9.4		713	209	2.7		
07/02/73	5229						66	29	107	7.5	14	87	305	84	1.5	.10	.4	676*	284	3A<	
5229			8.8	982	3.29	2.38	4.65	.19	.47	1.43	6.35	2.37	.02		.10	.4	676*	284	3A<		
					31	23	44	2	4	13	60	22			9.2		666	189	2.8		
X5 1520.00 SAN DIEGO RIVER AT EL CAPITAN DAM																					
01/02/73	5229						84	30	96	6.3	4.8	188	260	96	.6	.15	.2	717*	336	4A<	
5229			8.4	1035	4.19	2.47	4.18	.16	.16	3.08	5.41	2.71	.01		.15	.2	717*	336	4A<		
					38	22	38	1	1	27	48	24			10.6		681	171	2.3		
03/27/73	5229						62	24	74	5.1	9.6	128	192	70	.3	.00	.3	514*	256	5A	
5229			8.5	765	3.09	1.97	3.22	.13	.32	2.10	4.00	1.97	.00		.00	.3	514*	256	5A		
					37	23	38	2	4	25	48	23			14.9		515	132	2.0		
07/02/73	5229						56	24	74	6.7	0	153	187	57	1.9	.06	.4	508*	242	3A<	
5229			8.3	757	2.79	1.97	3.22	.17	.00	2.51	3.89	1.61	.03		.06	.4	508*	242	3A<		
					34	24	40	2		31	48	20			16.0		498	113	2.1		
X5 1990.10 ALVARADO FILTRATION PLANT BELDW MURRAY RESERVOIR																					
10/00/72	5229						82	33	122	7.5	0	144	305	103	.4	.11	.2	805*	342	1A<	E
5229			8.2	1115	4.09	2.71	5.31	.19	.00	2.36	6.35	2.90	.01		.11	.2	805*	342	1A<	E	
					33	22	43	2		20	55	25			9.4		733	222	2.9	5	
11/00/72	5229						82	35	118	6.8	0	146	348	111	.7	.17	.2	792*	350	1A<	E
5229			8.2	1129	4.09	2.88	5.13	.17	.00	2.39	7.25	3.13	.01		.17	.2	792*	350	1A<	E	
					33	23	42	1		19	57	24			14.0		787	229	2.8		
12/00/72	5229						82	34	112	6.3	0	149	323	111	.8	.14	.2	825*	348	1A<	E
5229			8.2	1116	4.09	2.80	4.87	.16	.00	2.44	6.72	3.13	.01		.14	.2	825*	348	1A<	E	
					34	23	41	1		20	55	25			9.4		752	223	2.6		
01/00/73	5229						85	33	121	5.8	0	149	345	108	.1	.09	.5	799*	349	1A<	E
5229			8.2	1128	4.24	2.71	5.26	.15	.00	2.44	7.18	3.05	.00		.09	.5	799*	349	1A<	E	
					34	22	43	1		19	57	24			9.8		781	226	2.8		
02/00/73	5229						86	32	123	6.3	0	148	315	107	1.4	.00	.3	348*	347	1A<	E
5229			8.2	1105	4.29	2.63	5.35	.16	.00	2.43	6.56	3.02	.02		.00	.3	348*	347	1A<	E	
					35	21	43	1		20	55	25			9.2		753	225	2.9	1	
03/00/73	5229						82	34	116	5.8	0	149	319	105	.9	.15	.3	768*	348	1A<	E
5229			8.2	1089	4.09	2.80	5.05	.15	.00	2.44	6.64	2.96	.01		.15	.3	768*	348	1A<	E	
					34	23	42	1		20	55	25			9.0		745	223	2.7		
04/00/73	5229						83	32	112	6.7	0	149	312	111	1.1	.00	.2	770*	340	1A<	
5229			8.2	1111	4.14	2.63	4.87	.17	.09	2.44	6.50	3.13	.02		.00	.2	770*	340	1A<		
					35	22	41	1		20	54	26			8.6		740	217	2.6		
05/00/73	5229						86	31	111	6.2	0	154	322	105	1.4	.00	.2	770*	344	1A<	
5229			8.2	1111	4.29	2.55	4.83	.16	.00	2.52	6.70	2.96	.02		.00	.2	770*	344	1A<		
					36	22	41	1		21	55	24			8.6		747	216	2.6		
06/00/73	5229						85	30	110	7.7	0	149	307	87	1.4	.10	.3	755*	338	1A<	E
5229			8.2	1072	4.24	2.47	4.79	.20	.00	2.44	6.39	2.45	.02		.10	.3	755*	338	1A<	E	
					36	21	41	2		22	57	22			9.3		711	214	2.6		
07/00/73	5229						79	29	97	7.2	0	153	260	96	.8	.20	.4	676*	317	1A<	E
5229			8.2	950	3.94	2.38	4.22	.18	.00	2.51	5.41	2.71	.01		.20	.4	676*	317	1A<	E	
					37	22	39	2		24	51	25			11.8		656	191	2.4		
08/00/73	5229						77	29	97	6.0	0	148	282	106	.1	.04	.3	707*	312	1A<	E
5229			8.2	965	3.84	2.38	4.22	.15	.00	2.43	5.87	2.99	.00		.04	.3	707*	312	1A<	E	
					36	22	40	1		22	52	26			11.9		682	190	2.4	S	
09/00/73	5229						82	29	110	6.7	0	144	302	104	.5	.11	.3	728*	325	1A<	E
5229			8.1	1018	4.09	2.38	4.79	.17	.00	2.36	6.29	2.93	.01		.11	.3	728*	325	1A<	E	
					36	21	42	1		20	54	25			10.0		715	206	2.7		
X5 6200.10 MIRAMAR RESERVOIR NEAR MIRAMAR																					
04/30/73	5229						80	33	115	3.8	8.4	115	325	108	.5	.15	.3	771*	338	1A<	
5229			8.4	1145	3.99	2.71	5.00	.10	.28	1.88	6.77	3.05	.01		.15	.3	771*	338	1A<		
					34	23	42	1	2	16	56	25			4.2		735	227	2.7		
07/31/73	5229						70	32	117	8.7	3.6	90	328	106	.4	.12	.4	757*	310	1A<	E
5229			8.4	1052	3.49	2.63	5.09	.22	.12	1.48	6.83	2.99	.01		.12	.4	757*	310	1A<	E	
					31	23	45	2	1	13	60	26			4.9		715	226	2.9		

TABLE D-2 (CONT)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. O DEPTH	DD SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER										MILLIGRAMS PER LITER					
						MILLIEQUIVALENTS PER LITER										PERCENT REACTANCE VALUE					
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	NO2	F	TDS SUM	TM NCM	TURB SAR	REM	
X5 6990.10 MIRAMAR FILTRATION PLANT BELOW MIRAMAR																					
10/00/72	5229					82	32	117	7.7	0	148	308	100	.6	.15	.2	779*	336	1A<	E	
5229					8.2	1097	4.09	2.63	5.09	.20	.00	2.43	5.41	2.82	.01	9.6	730	215	2.8		
11/00/72	5229					82	31	118	6.3	0	150	318	110	1.0	.17	.2	781*	335	1A<		
5229					8.6	1136	4.09	2.55	5.13	.16	.00	2.46	6.62	3.10	.02	13.6	754	209	2.8		
12/00/72	5229					83	31	119	6.5	0	137	330	110	1.4	.13	.2	831*	339	1A<	E	
5229					8.2	1150	4.14	2.55	5.18	.17	.00	2.25	6.87	3.10	.02	6.2	755	222	2.8		
01/00/73	5229					86	31	117	5.7	0	142	325	105	1.0	.13	.3	803*	346	1A<	E	
5229					8.2	1112	4.29	2.55	5.09	.15	.00	2.33	6.77	2.96	.02	7.8	748	226	2.8		
02/00/73	5229					86	31	120	6.3	0	157	330	102	1.2	.14	.4	786*	347	1A<		
5229					8.1	1129	4.29	2.55	5.22	.16	.00	2.57	6.87	2.88	.02	7.4	761	214	2.8		
03/00/73	5229					85	32	116	5.7	0	148	346	101	1.2	--	.3	776*	344	1A<	E	
5229					8.2	1090	4.24	2.63	5.05	.15	.00	2.43	7.20	2.85	.02	8.6	768	222	2.7		
04/00/73	5229					86	32	117	7.2	0	134	322	107	1.4	.14	.3	768*	346	1A<		
5229					8.2	1110	4.29	2.63	5.09	.18	.00	2.20	6.70	3.02	.02	8.0	747	236	2.7		
05/00/73	5229					89	31	109	6.5	0	155	325	99	.9	--	.3	795*	350	1A<	E	
5229					8.2	1113	4.44	2.55	4.74	.17	.00	2.54	6.77	2.79	.01	7.8	744	223	2.5		
06/00/73	5229					86	32	112	6.3	0	154	320	88	1.8	.10	.4	773*	348	1A<	E	
5229					8.2	1085	4.29	2.63	4.87	.16	.00	2.52	6.66	2.48	.03	8.3	730	220	2.6		
07/00/73	5229					88	31	107	7.0	0	154	310	103	.8	.13	.4	776*	350	1A<	E	
5229					8.2	1062	4.39	2.55	4.65	.18	.00	2.52	6.45	2.90	.01	8.8	731	221	2.5		
08/00/73	5229					85	30	110	6.0	0	149	323	112	.1	.02	.4	797*	339	1A<	E	
5229					8.2	1056	4.24	2.47	4.79	.15	.00	2.44	6.72	3.16	.00	9.2	749	214	2.6	S	
09/00/73	5229					85	31	110	6.3	0	150	315	106	.7	.10	.3	767*	341	1A<	E	
5229					8.2	1037	4.24	2.55	4.79	.16	.00	2.46	6.56	2.99	.01	9.0	737	217	2.6		
X7 1300.00 OTAY RIVER AT SAVAGE DAM (LOWER OTAY RESERVOIR)																					
04/30/73	5229					50	22	72	3.7	0	166	104	90	.7	.09	.3	483*	214	3A<		
5229					8.3	740	2.50	1.81	3.13	.09	.00	2.72	2.17	2.54	.01	17.0	441	80	2.1		
07/31/73	5229					48	24	75	6.8	14	138	123	86	1.2	.09	.3	480*	220	1A>		
5229					8.7	717	2.40	1.97	3.26	.17	.48	2.26	2.56	2.43	.02	15.2	462	82	2.2		
X7 1320.10 OTAY RIVER AT UPPER OTAY RESERVOIR																					
01/30/73	5229					56	20	117	7.3	0	131	54	223	2.6	.16	.3	683*	224	5A		
5229					7.9	1002	2.79	1.64	5.09	.19	.00	2.15	1.12	6.29	.04	11.8	555	114	3.4		
02/27/73	5229					50	19	103	7.8	8.4	113	59	189	4.5	.19	.4	632*	202	6A	E	
5229					8.5	900	2.50	1.56	4.48	.20	.28	1.85	1.23	5.33	.07	12.4	509	97	3.1		
08/30/73	5229					42	18	90	5.3	0	154	58	141	.3	.33	.2	511*	180	2A<		
5229					7.9	765	2.10	1.48	3.92	.14	.00	2.52	1.22	3.98	.00	16.4	448	53	2.9		
X7 1990.10 LOWER OTAY FILTRATION PLANT BELOW LOWER OTAY RES.																					
10/00/72	5229					65	30	115	7.5	3.6	137	244	107	.5	.16	.2	701*	288	1A<		
5229					8.4	1013	3.24	2.47	5.00	.19	.12	2.25	5.08	3.02	.01	10.8	651	167	3.0		
11/00/72	5229					69	31	116	6.5	0	159	239	109	2.5	.14	.2	708*	302	1A<		
5229					8.3	1037	3.44	2.55	5.05	.17	.00	2.61	4.98	3.07	.04	17.0	668	169	2.9		
12/00/72	5229					56	27	102	6.5	0	181	195	109	1.0	.15	.2	624*	254	1A<		
5229					8.3	925	2.79	2.22	4.44	.17	.00	2.97	4.06	3.07	.02	13.2	599	102	2.8		
01/00/73	5229					64	29	110	3.0	0	155	233	107	.1	.06	.3	650*	280	1A<		
5229					8.2	973	3.19	2.38	4.79	.08	.00	2.54	4.85	3.02	.00	11.6	634	152	2.9		
02/00/73	5229					70	28	110	6.3	0	161	212	105	1.1	.13	.3	670*	290	1A<		
5229					8.3	985	3.49	2.30	4.79	.16	.00	2.64	4.41	2.96	.02	11.2	623	158	2.8	S	
03/00/73	5229					66	26	99	7.2	0	150	227	101	.9	.00	.3	648*	276	1A<		
5229					8.3	952	3.29	2.14	4.31	.18	.00	2.46	4.73	2.85	.01	11.0	612	149	2.6		
04/00/73	5229					105	24	101	7.2	0	151	310	101	1.3	.12	.2	609*	262	1A<		
5229					8.3	907	5.24	1.97	4.39	.18	.00	2.47	6.45	2.85	.02	12.2	736	237	2.3	TC	
05/00/73	5229					74	28	104	6.5	0	159	262	102	.9	--	.3	703*	300	1A<		
5229					8.3	1025	3.69	2.30	4.52	.17	.00	2.61	5.45	2.88	.01	9.4	665	169	2.6		
06/00/73	5229					76	28	105	7.5	0	156	258	89	2.0	.08	.3	701*	308	1A<		
5229					8.3	1005	3.79	2.30	5.7	.19	.00	2.56	5.37	2.51	.03	11.0	653	177	2.6		





TABLE D-2 (CONT.)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. O DEPTH	DD SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER										MILLIGRAMS PER LITER			REM	
						CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	PERCENT REACTANCE VALUE	8	F	TDS SUM		TM NCM
Y4		1100.00		WARM CREEK NEAR COLTON																
10/27/72	5050		8.6	74.0F	7.2	940	--	--	--	--	--	--	79	116	--	--	--	568	228	66A
1200	5050	20E	100	23.3C									1.64	3.27			--			
02/01/73	5050		9.3	62.0F	7.2	740	--	--	--	--	--	--	68	64	--	--	--	480	201	43A
1040	5050	10E	95	16.7C									1.42	1.80			--			
Y5		1050.10		SANTA ANA R SAN BERNARDINO RIVERSIDE CO LINE																
05/24/73	5050		8.1	64 F	7.7	500	31	11	46	4.5	0	120	44	49	11.4	.24	.2	274	123	93A
1000	5050	40E	85	18 C	7.3	481	1.55	.90	2.00	.12	.00	1.97	.92	1.38	.18	--	--	256	24	1.8
							34	20	44	3		44	21	31	4					
07/26/73	5050		7.3	80.0F	7.7	450	29	12	48	4.2	0	102	50	54	15.0	.14	.3	250	122	37A
0930	5050	35E	90	26.6C	7.5	486	1.45	.99	2.09	.11	.00	1.67	1.04	1.52	.24	--	--	262	39	1.9
							31	21	45	2		37	23	34	5					
08/29/73	5050		6.9	80.0F	7.7	485	29	13	55	5.0	0	118	51	58	13.2	.29	.3	287	126	40A
1030	5050	100E	85	26.6C	6.7	518	1.45	1.07	2.39	.13	.00	1.93	1.06	1.64	.21	--	--	283	30	2.1
							29	21	47	3		40	22	34	4					
Y5		1100.00		SANTA ANA RIVER AT E STREET BRIDGE																
10/27/72	5050		8.2	78.0F	7.2	940	41	24	97	12	0	340	85	84	4.9	.68	.7	537	201	13A
1045	5050		21	25.5C	7.1	955	2.05	1.97	4.22	.32	.00	5.57	1.77	2.37	.08	--	--	516	0	3.0
							24	23	49	4		57	18	24	1					
11/30/72	5050		8.6	70.0F	7.2	950	43	21	102	11	0	348	93	80	6.8	.83	1.0	538	194	10A
1000	5050		23	21.1C	7.5	948	2.15	1.73	4.44	.30	.00	5.70	1.94	2.26	.11	--	--	530	0	3.2
							25	20	52	3		57	19	23	1					
12/14/72	5101						59	12	94	12	0	327	89	91	7.8	.76	.4	587	198	
5101	5101				7.6	1009	2.94	.99	4.09	.31	.00	5.36	1.85	2.57	.13	--	--	526	0	2.9
							35	12	49	4		54	19	26	1					
12/30/72	5050		8.9	62.0F	7.2	950	42	20	103	12	0	372	88	79	8.1	1.04	.8	567	187	10A
1010	5050		26	16.7C	7.5	1020	2.10	1.64	4.48	.31	.00	6.10	1.83	2.23	.13	--	--	536	0	3.3
							25	19	53	4		59	18	22	1					
02/01/73	5050		8.9	64.0F	7.2	920	39	20	101	11	0	358	117	73	5.6	.85	.8	536	180	18A
1000	5050		25	17.8C	7.5	943	1.95	1.64	4.39	.30	.00	5.87	2.44	2.06	.09	--	--	544	0	3.3
							24	20	53	4		56	23	20	1					
03/01/73	5050		8.4	64.0F	7.2	825	49	18	86	12	0	333	77	68	6.8	.68	1.0	493	197	28A
1145	5050		45	17.8C	7.9	853	2.45	1.48	3.74	.31	.00	5.46	1.60	1.92	.11	--	--	481	0	2.7
							31	19	47	4		60	18	21	1					
04/12/73	5050		7.6	74.0F	7.2	875	46	22	95	11	0	385	79	70	5.6	.68	.8	528	206	40A
1000	5050		28	23.3C	7.2	997	2.30	1.81	4.13	.30	.00	6.31	1.64	1.97	.09	--	--	519	0	2.9
							27	21	48	4		63	16	20	1					
04/27/73	5050		8.0	76.0F	7.2	800	53	18	91	10	0	360	75	67	6.8	.74	.8	535	206	25A
1300	5050		34	24.4C	7.4	934	2.64	1.48	3.96	.27	.00	5.90	1.56	1.89	.11	--	--	499	0	2.8
							32	18	47	3		62	16	20	1					
05/24/73	5050		7.8	74.0F	7.2	950	49	14	94	11	0	378	65	69	5.6	.78	.6	523	180	40A
1045	5050		33	23.3C	7.2	978	2.45	1.15	4.09	.29	.00	6.20	1.35	1.95	.09	--	--	495	0	3.0
							31	14	51	4		65	14	20	1					
05/31/73	5101						60	13	80	11	0	330	63	64	4.5	.83	1.1	461	201	
1130	5101				7.2	861	2.99	1.07	3.48	.28	.00	5.41	1.31	1.80	.07	--	--	459	0	2.4
							38	14	45	4		63	15	21	1					
06/29/73	5050		7.5	82.0F	7.2	850	54	15	90	9.6	0	339	83	64	5.0	.66	.8	510	196	25A
1015	5050		37	27.8C	7.2	922	2.69	1.23	3.92	.25	.00	5.56	1.73	1.80	.08	--	--	488	0	2.8
							33	15	48	3		61	19	20	1					
07/26/73	5050		6.9	83.0F	7.2	930	42	23	88	12	0	401	78	66	3.1	.66	.7	495	200	10A
0845	5050		26	28.3C	7.4	1018	2.10	1.89	3.83	.32	.00	6.57	1.62	1.86	.05	--	--	511	0	2.7
							26	23	47	4		65	16	18						
08/29/73	5050		6.3	85.0F	7.2	900	27	34	52	14	0	436	.0	62	5.0	.73	.7	481	207	21A
1100	5050		19	29.4C	6.3	982	1.35	2.80	2.26	.36	.00	7.15	.00	1.75	.08	--	--	409	0	1.6
							20	41	33	5		80		19	1					
09/28/73	5050		6.0	82.0F	7.2	950	48	21	86	11	0	386	84	72	1.9	.77	1.6	529	207	30A
1045	5050		31	27.8C	7.4	1045	2.40	1.73	3.74	.30	.00	6.33	1.75	2.03	.03	--	--	515	0	2.6
							29	21	46	4		62	17	20						
Y5		1150.00		SANTA ANA RIVER AT WATERMAN AVENUE																
05/31/73	5101						50	10	26	3.3	0	167	40	18	33.0	.07	.5	252	167	
1100	5101				7.6	460	2.50	.82	1.13	.08	.00	2.74	.83	.51	.53	--	--	262	29	0.9
							55	18	25	2		59	18	11	11					
Y5		1700.00		SANTA ANA RIVER NEAR MENTONE																
12/14/72	5101						36	6.1	27	2.2	0	135	43	10	5.2	.09	.5	266	116	
5101	5101				7.8	357	1.80	.50	1.17	.06	.00	2.21	.90	.28	.08	--	--	196	5	1.1
							51	14	33	2		64	26	8	2					
05/31/73	5101						22	5.5	12	1.4	0	99	9.5	10	2.1	.05	.2	83	77	
1000	5101				7.5	194	1.10	.45	.52	.04	.00	1.62	.20	.28	.03	--	--	111	0	0.6
							52	21	25	2		76	9	13	1					
Y5		1945.00		SANTA ANA RIVER SPREADING DIVERSION NEAR MENTONE																
12/14/72	5101						37	7.1	25	2.4	0	140	44	11	5.6	.08	.4	278	121	
5101	5101				7.7	353	1.85	.58	1.09	.06	.00	2.29	.92	.31	.09	--	--	201	7	1.0
							52	16	30	2		63	25	9	2					
05/31/73	5101						23	4.4	12	1.5	0	97	8.4	6.0	1.9	.04	.2	105	76	
1030	5101				7.6	204	1.15	.36	.52	.04	.00	1.59	.17	.17	.03	--	--			

TABLE O-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. O DEPTH	OO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER					MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER				
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TD5	TH	TURB	REM	SUN	NCH	549							
Y5 1978.00 SANTA ANA RIVER NO. 1 TAILRACE NEAR MENTONE																														
10/27/72	5050		10.1	56.0F	7.9	270	--	--	--	--	--	--	17	6.0	--	--	--	151	91	4A										
1400	5050	35E	96	13.3C									.35	.17																
11/30/72	5050		11.0	46.0F	7.9	240	--	--	--	--	--	--	16	5.0	--	--	--	117	93	0A										
0845	5050	25E	92	7.8C									.33	.14																
12/14/72	5101				7.8	285	33	5.7	17	1.8	0	138	14	10	4.2	.03	.3	206	105	0.7	E									
5101							1.65	.47	.74	.05	.00	2.26	.29	.28	.07			154	0		T									
							57	16	25	2		78	10	10	2															
12/30/72	5050		12.4	37.0F	7.8	235	--	--	--	--	--	--	15	6.0	--	--	--	141	93	4A										
0830	5050	25E	91	2.8C									.31	.17																
02/01/73	5050		11.7	39.0F	7.7	200	--	--	--	--	--	--	15	6.0	--	--	--	117	91	4A										
0830	5050	20E	89	3.9C									.31	.17																
03/01/73	5050		10.0	53.0F	8.0	200	--	--	--	--	--	--	12	7.0	--	--	--	114	82	26A										
1400	5050		92	11.7C									.25	.20																
04/12/73	5050		10.5	52.0F	8.1	200	--	--	--	--	--	--	12	7.0	--	--	--	118	82	8A										
0845	5050		95	11.1C									.25	.20																
04/27/73	5050		8.5	67.0F	8.4	200	--	--	--	--	--	--	10	5.0	--	--	--	133	7A	12A										
1425	5050		92	19.4C									.21	.14																
05/24/73	5050		8.8	62.0F	8.0	220	--	--	--	--	--	--	12	5.0	--	--	--	114	72	3A										
1330	5050		90	16.7C									.25	.14																
05/31/73	5101				7.6	218	22	4.4	12	1.4	0	95	9.5	7.0	1.9	.06	.3	100	73	0.6										
1000	5101						1.10	.36	.52	.04	.00	1.56	.20	.20	.03			105	0											
							54	18	26	2		78	10	10	2															
06/29/73	5050		7.6	80.0F	8.3	280	--	--	--	--	--	--	37	6.0	--	--	--	206	106	1A										
1230	5050		94	26.6C									.77	.17																
07/26/73	5050		9.1	64.0F	8.0	370	--	--	--	--	--	--	72	8.0	--	--	--	284	131	1A										
0700	5050		95	17.8C									1.50	.23																
08/29/73	5050		8.2	81.0F	8.4	370	--	--	--	--	--	--	89	8.0	--	--	--	255	126	3A										
1230	5050		102	27.2C									1.85	.23																
09/28/73	5050		9.8	57.0F	8.0	180	--	--	--	--	--	--	8.2	4.0	--	--	--	135	79	2A										
1315	5050	20E	94	13.9C									.17	.11																
Y5 2400.00 BIG BEAR LAKE NEAR BIG BEAR LAKE																														
12/01/72	5101				7.5	283	27	13	12	2.9	0	145	10	12	3.0	.00	.3	180	119	0.5										
0900	5101						1.35	1.07	.52	.07	.00	2.38	.21	.34	.05			151	2											
							45	36	17	2		80	7	11	2															
Y5 2400.10 BIG BEAR LAKE STREAM BELOW BIG BEAR DAM																														
12/01/72	5101				7.1	300	29	12	13	3.0	0	145	11	15	5.2	.02	.3	177	121	0.5										
0900	5101						1.45	.99	.57	.08	.00	2.38	.23	.42	.08			160	3											
							47	32	18	3		77	7	14	3															
05/14/73	5101				6.9	278	27	12	11	3.0	0	145	6.6	13	.0	.11	.0	150	116	0.4										
5101							1.35	.99	.48	.08	.00	2.38	.14	.37	.00			144	0											
							47	34	17	3		82	5	13																
Y6 1110.00 SANTA ANA RIVER AT AUBURN BRIDGE NEAR CORONA																														
12/14/72	5101				7.3	1159	90	27	105	7.8	0	295	110	141	37.0	.42	.7	704	335	2.5										
5101							4.49	2.22	4.57	.20	.00	4.84	2.29	3.98	.60			663	94											
							39	19	40	2		41	20	34	5															
06/07/73	5101				7.9	1138	98	26	114	7.5	0	312	103	155	26.0	.49	.8	700	350	2.6										
1000	5101						4.89	2.14	4.96	.19	.00	5.11	2.14	4.37	.42			683	96											
							40	18	41	2		42	18	36	3															
Y6 1225.00 SANTA ANA RIVER NEAR NORCO																														
10/27/72	5050		2.8	65.0F	7.4	1250	--	--	--	--	--	--	122	148	--	--	--	748	354	2 A										
1230	5050	50E	30	18.3C									2.54	4.17																
12/14/72	5101				7.3	1178	90	25	112	8.4	0	283	113	147	43.0	.39	.7	749	327	2.7										
5101							4.49	2.06	4.87	.21	.00	4.64	2.35	4.15	.69			678	96											
							39	18	42	2		39	20	35	6															
02/01/73	5050		7.0	62.0F	7.7	1090	--	--	--	--	--	--	119	133	--	--	--	719	338	24A										
1330	5050	50E	72	16.7C									2.48	3.75																
04/27/73	5050		7.8	60.0F	7.8	1050	--	--	--	--	--	--	119	136	--	--	--	701	333	30A										
1000	5050	50E	78	15.5C									2.48	3.84																
05/31/73	5101				7.4	1075	95	23	109	7.5	0	279	115	135	37.0	.45	.7	655	330	2.6										
1545	5101						4.74	1.89	4.74	.19	.00	4.57	2.39	3.81	.60			659	103											
							41	16	41	2		40	21	34	5															
07/26/73	5050		4.1	90.0F	7.8	1050	--	--	--	--	--	--	114	135	--	--	--	709	334	4A										
1230	5050	50E	56	32.2C									2.37	3.81																

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.W. O DEPTH	OO SAT	TEMP	FIELD LABORATORY PM	EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER			MILLIGRAMS PER LITER			REMARKS	
							CA	MG	NA	K	CO3	HCO3	SO4	CL	MILLIEQUIVALENTS PER LITER			B	F	TDS SUM	TH NCH	TURB 5AR		
															PERCENT	REACTANCE	VALUE							
Y6		1400.00		SANTA ANA RIVER NEAR ARLINGTON																				
10/27/72 0930	5050 5050	5.92	6.6 72	68.0F 20.0C	7.3	1150	--	--	--	--	--	--	--	122	131	--	--	--	731	368	4A			
11/30/72 1130	5050 5050	60E	8.2 86	64.0F 17.8C	7.3	1080	--	--	--	--	--	--	--	109	130	--	--	--	660	325	39A			
12/14/72 5101	5101				7.6	1104	77 3.84	23 1.89	101 4.39	8.4 .21	0 .00	281 4.61	100 2.08	125 3.53	31.0 .50	.43	.4	--	671 604	284 56	2.6			
12/30/72 1130	5050 5050	3.94	9.4 88	55.0F 12.8C	7.3	1080	--	--	--	--	--	--	--	112	127	--	--	--	676	338	12A			
02/01/73 1140	5050 5050	3.67	8.5 87	62.0F 16.7C	7.2	1050	--	--	--	--	--	--	--	116	124	--	--	--	661	290	13A			
03/01/73 0920	5050 5050		8.5 85	60.0F 15.5C	7.6	980	--	--	--	--	--	--	--	112	108	--	--	--	628	342	700A			
04/12/73 1130	5050 5050	70E	7.8 94	77.0F 25.0C	7.7	1000	--	--	--	--	--	--	--	116	120	--	--	--	657	288	14A			
04/27/73 1135	5050 5050	50E	8.7 91	64.0F 17.8C	7.6	1000	--	--	--	--	--	--	--	120	116	--	--	--	703	355	22A			
05/24/73 0900	5050 5050		8.1 86	65.0F 18.3C	7.3	1100	--	--	--	--	--	--	--	109	120	--	--	--	639	308	35A			
05/31/73 1445	5101 5101				7.5	1093	89 4.44	26 2.14	104 4.52	7.5 .19	0 .00	295 4.84	117 2.44	128 3.61	32.0 .52	.37	.8	--	629 649	327 87	2.5			
06/29/73 0830	5050 5050	3.98	8.4 100	76.0F 24.4C	7.3	1120	--	--	--	--	--	--	--	112	138	--	--	--	725	340	10A			
07/26/73 1030	5050 5050	4.05	8.0 100	81.0F 27.2C	7.3	1020	--	--	--	--	--	--	--	112	121	--	--	--	674	325	11A			
08/29/73 0930	5050 5050	100E	8.2 95	74.0F 23.3C	7.3	1000	--	--	--	--	--	--	--	110	124	--	--	--	642	322	44A			
09/28/73 0945	5050 5050	60E	8.4 93	69.0F 20.5C	7.2	1100	--	--	--	--	--	--	--	122	130	--	--	--	712	336	4A			
Y7		1145.00		SAN TIMOTEO CREEK WATERMAN AVE NEAR SAN BERNARDINO																				
10/27/72 1330	5050 5050	1E	10.3 113	68.0F 20.0C	9.5	395	--	--	--	--	--	--	--	39	22	--	--	--	250	117	6A			
02/01/73 0930	5050 5050	1E	11.4 95	46.0F 7.8C	8.3	640	--	--	--	--	--	--	--	64	37	--	--	--	406	192	8A			
07/26/73 0800	5050 5050	2E	7.9 90	72.0F 22.2C	8.3	530	--	--	--	--	--	--	--	39	28	--	--	--	361	177	72A			
Y8		2200.00		LAKE ELSINORE AT THE STATE PARK																				
12/28/72 1500	5050 5050		2.25 85	9.9 8.9C	8.5	4575	--	--	--	--	--	--	--	532	1020	--	--	--	2974	170	24A			
04/11/73 0800	5050 5050	3.80	10.7 112	64.0F 17.8C	8.5	3880	--	--	--	--	--	--	--	452	845	--	--	--	2545	146				
06/27/73 1300	5050 5050	3.25	12.5 162	85.0F 29.4C	8.5	4425	--	--	--	--	--	--	--	480	905	--	--	--	2766	166	18A			
09/26/73 1400	5050 5050	2.13	11.1 125	71.0F 21.6C	8.5	5200	--	--	--	--	--	--	--	540	1050	--	--	--	3152	191	18A			
71		1100.00		VENTURA RIVER NEAR VENTURA																				
11/27/72 0815	5050 5050	3.48 .8	7.0 64	53.0F 11.7C	7.3	1115	--	--	--	--	--	--	--	273	56	--	--	--	718	472	0A			
01/29/73 0845	5050 5050	4.04 21	10.2 88	48.0F 8.9C	7.7	1050	--	--	--	--	--	--	--	268	51	--	--	--	753	486	3A			
04/23/73 0830	5050 5050	4.58 27	11.3 110	58.0F 14.4C	7.9	950	--	--	--	--	--	--	--	271	46	--	--	--	781	474	2A			
07/23/73 0730	5050 5050	4.47 11	9.3 97	64.0F 17.8C	7.7	1000	--	--	--	--	--	--	--	258	42	--	--	--	715	456	1A			



TABLE D-2 (CONT)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. DEPTH	OO SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER													MILLIGRAMS PER LITER					
							PERCENT REACTANCE VALUE													B	F	TOS	TH	TURB	REM
							CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	SI02	SUM	NCH	SAP						
Z1		5150.00		MATILIIJA CREEK BELOW DAM																					
11/27/72	5050		10.4	52.0F	7.7	1010	113	31	58	2.8	0	231	255	50	1.3	1.10	.6	648	410	1A					
0915	5050	5.2	94	11.1C	7.7	940	5.64	2.55	2.52	.07	.00	3.79	5.31	1.41	.02		--	626	220	1.2					
01/29/73	5050	14	11.1	46.0F	8.1	750	100	25	38	2.1	0	215	224	18	2.0	.61	.6	560	353	8A	E				
0930	5050		93	7.8C	8.0	768	4.99	2.06	1.65	.05	.00	3.52	4.66	.51	.03	--	--	515	177	0.9					
04/23/73	5050	68	9.8	59.0F	8.2	725	102	28	33	2.1	0	201	254	11	.0	.33	.5	567	370	1A					
0915	5050		97	15.0C	7.9	832	5.09	2.30	1.44	.05	.00	3.29	5.29	.31	.00	--	--	529	205	0.7					
07/23/73	5050	9.1	8.3	72.0F	8.1	810	88	30	42	2.1	0	166	261	18	.0	.62	.6	567	343	1A					
0830	5050		95	22.2C	8.0	832	4.39	2.47	1.83	.05	.00	2.72	5.43	.51	.00	--	--	523	207	1.0					
Z2		1300.00		SANTA PAULA CREEK NEAR SANTA PAULA																					
11/28/72	5050	5.05	11.0	57.0F	8.2	1040	--	--	--	--	--	--	262	46	--	--	--	672	400	0A					
1100	5050	4.2	106	13.9C									5.45	1.30											
01/30/73	5050	4.77	10.1	50.0F	8.1	900	--	--	--	--	--	--	247	36	--	--	--	633	396	2A					
1000	5050	7.0	89	10.0C									5.14	1.02											
04/24/73	5050	7.58	9.6	62.0F	8.1	620	--	--	--	--	--	--	188	14	--	--	--	497	312	2A					
1030	5050	32	98	16.7C									3.91	.39											
07/24/73	5050	7.20	9.3	68.0F	8.1	800	--	--	--	--	--	--	206	23	--	--	--	578	342	2A					
0845	5050	6.5	102	20.0C									4.29	.65											
Z2		1360.10		SANTA CLARA RIVER NEAR SANTA PAULA																					
11/28/72	5050	8.7	64.0F	7.7	1950	206	78	146	5.6	0	318	734	69	20.7	.91	.8	1501	835	5A	E					
1200	5050	100E	91	17.8C	8.0	1834	10.28	6.41	6.35	.14	.00	5.21	15.28	1.95	.33	--	--	1417	574	2.2					
01/30/73	5050	300E	9.4	56.0F	7.8	1800	195	72	140	5.4	0	309	693	62	19.0	1.00	.8	1464	783	5A	E				
1115	5050		90	13.3C	8.0	1737	9.73	5.92	6.09	.14	.00	5.06	14.43	1.75	.31	--	--	1339	530	2.2					
04/24/73	5050	200E	9.7	69.0F	8.2	1325	154	57	105	4.6	0	279	517	46	12.6	.72	.7	1124	619	7A	E				
1130	5050		107	20.5C	8.1	1479	7.68	4.69	4.57	.12	.00	4.57	10.76	1.30	.20	--	--	1034	390	1.6					
07/24/73	5050	200E	10.2	67.0F	8.0	1390	150	57	101	4.5	0	262	512	44	13.0	.75	.7	1098	609	50A	E				
0930	5050		110	19.4C	8.1	1454	7.49	4.69	4.39	.12	.00	4.29	10.66	1.24	.21	--	--	1011	395	1.4					
Z2		1702.00		SANTA CLARA RIVER AT HWY 99																					
10/04/72	1101	5.6	59.0F			201	66	130	5.0	0	454	557	83	27.3	--	--	--	773							
0630	1101	55	15.0C	8.0	1860	10.03	5.43	5.66	.13	.00	7.44	11.60	2.34	.44	--	--	--	1293	401	2.0					
11/02/72	1101	7.9	51.0F			171	46	114	5.0	0	414	403	76	30.0	--	--	--	618							
0545	1101	71	10.5C	8.0	1670	8.53	3.78	4.96	.13	.00	6.79	8.39	2.14	.48	--	--	--	1049	276	2.0					
11/28/72	5050	5E	7.4	64.0F	7.9	1600	172	57	120	5.8	0	402	425	78	40.9	.89	.6	1120	664	63A	E				
1610	5050		77	17.8C	7.9	1514	8.58	4.69	5.22	.15	.00	6.59	8.85	2.20	.66	--	--	1097	334	2.0					
12/01/72	1101	7.9	50.0F			192	60	132	5.0	0	437	502	84	36.0	--	--	--	729							
0515	1101	70	10.0C	8.0	1880	9.58	4.93	5.74	.13	.00	7.16	10.45	2.37	.58	--	--	--	1226	368	2.1					
01/03/73	1101	8.0	41.0F			197	64	135	5.0	0	433	534	85	34.0	--	--	--	756							
0630	1101	62	5.0C	8.3	1890	9.83	5.26	5.87	.13	.00	7.10	11.12	2.40	.55	--	--	--	1267	400	2.1					
01/30/73	5050	5E	8.2	58.0F	7.8	1600	173	60	120	5.9	0	398	445	81	37.5	.95	.6	1187	678	75A	E				
1515	5050		80	14.4C	7.8	1572	8.63	4.93	5.22	.15	.00	6.52	9.26	2.28	.60	--	--	1119	352	2.0					
02/06/73	1101			50.0F			--	--	--	--	--	--	--	--	--	--	--	--	--	--					
0500	1101			10.0C	7.8	678																			
03/07/73	1101	8.2	47.0F			166	53	113	6.0	0	384	417	70	--	--	--	--	632							
0600	1101	70	8.3C		1580	8.28	4.36	4.92	.15	.00	6.29	8.68	1.97	--	--	--	--	1014	318	2.0					
04/24/73	5050	5E	7.2	79.0F	8.4	1125	126	39	96	4.9	0	358	262	72	36.0	1.00	.5	837	475	420A					
1600	5050		88	26.1C	8.2	1245	6.29	3.21	4.18	.13	.00	5.87	5.45	2.03	.58	--	--	813	182	1.9					
05/04/73	1101	8.8	52.0F			135	40	95	4.0	0	339	277	77	36.4	--	--	--	501							
0545	1101	80	11.1C	8.1	1360	6.74	3.29	4.13	.10	.00	5.56	5.77	2.17	.62	--	--	--	833	224	1.8					
06/04/73	1101	7.5	60.0F			179	55	119	4.0	0	417	434	77	37.9	--	--	--	673							
0600	1101	75	15.5C	8.2	1600	8.93	4.52	5.18	.10	.00	6.83	9.04	2.17	.61	--	--	--	1111	331	2.0					
07/03/73	1101	7.4	56.0F			147	37	107	5.0	0	392	281	79	37.9	--	--	--	521							
0610	1101	70	13.3C	7.8	1370	7.34	3.04	4.65	.13	.00	6.42	5.85	2.23	.61	--	--	--	887	198	2.0					
07/24/73	5050	7E	6.6	88.0F	8.2	1175	124	40	90	5.4	0	342	268	61	38.4	.74	.5	835	474	330A					
1400	5050		88	31.1C	8.1	1221	6.19	3.29	3.92	.14	.00	5.61	5.58	1.72	.62	--	--	796	194	1.8					
08/01/73	1101	7.6	61.0F			134	42	97	4.0	0	367	278	59	39.8	--	--	--	509							
0550	1101	77	16.1C	8.3	1260	6.69	3.45	4.22	.10	.00	6.02	5.79	1.86	.64	--	--	--	834	206	1.9					

TABLE D-2 (CONT.)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. D DEPTM	DO SAT	TEMP	FIELD LABORATORY PM EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS			TURB 5AR	REM	
						CA	MG	NA	K	CO3	MC03	SO4	CL	NO3	0	F	TDS SUM	NCH			
22		1702.00		SANTA CLARA RIVER AT HWY 99						CONTINUED											
09/06/73	1101		7.8	60.0F			150	50	110	5.0	0	400	345	74	38.2	--	--			581	
0540	1101		78	15.5C	8.1	1420	7.49	4.11	4.79	.13	.00	6.56	7.18	2.09	.62	--	--	969		252	2.0
22		2150.00		SESPE CREEK NEAR FILLMORE																	
11/28/72	5050		10.0	58.0F	8.1	1100	--	--	--	--	--	--	341	78	--	--	--	794	444	14	
1345	5050	1R	98	14.4C									7.10	2.20							
01/30/73	5050		10.4	51.0F	8.2	1000	--	--	--	--	--	--	327	37	--	--	--	737	444	84	
1230	5050	59	93	10.5C									6.81	1.04							
04/24/73	5050		9.2	67.0F	8.4	725	--	--	--	--	--	--	242	17	--	--	--	584	356	2A	
1315	5050	115	99	19.4C									5.04	.48							
07/24/73	5050		11.4	74.0F	8.2	875	--	--	--	--	--	--	250	47	--	--	--	618	323	14	
1030	5050	9.2	133	23.3C									5.21	1.33							
22		3240.00		PIRU CREEK BELOW SANTA FELICIA DAM																	
04/24/73	5050		11.4	54.0F	8.0	800	95	33	57	4.2	0	164	310	28	2.8	.72	.6	654	372	3A	
1400	5050	67	106	12.2C	8.0	936	4.74	2.71	2.48	.11	.00	2.69	6.45	.79	.05	--	--	611	238	1.3	
							47	27	25	1			8	1							
07/24/73	5050	3.03	10.5	59.0F	7.7	850	88	34	56	3.6	0	170	289	29	2.4	.64	.6	613	359	3A	
1130	5050	192	104	15.0C	8.0	904	4.39	2.80	2.44	.09	.00	2.79	6.02	.82	.04	--	--	586	220	1.3	
							45	29	25	1			8	8							
07/31/73	5411				7.6	915	88	35	54	--	0	185	264	33	.0	.70	.8	566	365	1.2	
5867							4.39	2.88	2.35		.00	3.03	5.50	.93	.00	--	--		212		
							46	30	24				58	10							
22		3375.00		PIRU LAKE NEAR PIRU																	
03/20/73	5411				7.7	883	86	27	53	--	0	163	232	34	.0	.60	.7	513	325	1.3	
5867							4.29	2.22	2.31		.00	2.67	4.83	.96	.00	--	--		192		
							49	25	26				32	57	11						
05/31/73	5411					833	--	--	--	--	--	--	--	--	--	--	--	670*			
1500	5867																				
07/02/73	5411				7.3	922	90	40	60	--	0	174	319	33	.0	.80	.7	628	389	1.3	
5867							4.49	3.29	2.61		.00	2.85	6.64	.93	.00	--	--		247		
							43	32	25				64	9							
07/31/73	5411				7.7	995	88	41	60	--	0	174	312	33	.0	.70	.8	620	389	1.3	
5867							4.39	3.37	2.61		.00	2.85	6.50	.93	.00	--	--		246		
							42	32	25				63	9							
09/04/73	5411				7.7	1017	102	40	65	--	0	181	337	37	.0	.80	.7	671	419	1.4	
1130	5867						5.09	3.29	2.83		.00	2.97	7.02	1.04	.00	--	--		271		
							45	29	25				64	9							
23		1135.00		SANTA CLARA RIVER AT L.A.-VENTURA CO. LINE																	
11/28/72	5050		9.2	62.0F	8.1	1250	--	--	--	--	--	--	361	67	--	--	--	815	474	33A	
1500	5050	150E	94	16.7C									7.52	1.89							
01/30/73	5050		9.0	58.0F	8.1	1600	--	--	--	--	--	--	522	74	--	--	--	1161	637	20A	
1415	5050	150E	88	14.4C									10.87	2.09							
04/24/73	5050		7.6	78.0F	8.3	1450	--	--	--	--	--	--	493	74	--	--	--	1198	621	96A	
1515	5050	60E	92	25.5C									10.26	2.09							
07/27/73	5050		7.7	87.0F	8.2	1500	--	--	--	--	--	--	469	70	--	--	--	1193	625	21A	
1300	5050	30E	102	30.5C									9.76	1.97							
25		1020.10		MALIBU CREEK AT PACIFIC COAST HWY																	
10/04/72	1101		5.7	61.0F	8.3	2040	186	93	176	4.0	0	425	667	133	.0	--	--		851		
0725	1101		58	16.1C			9.28	7.65	7.66	.10	.00	6.97	13.89	3.75	.00	--	--	1468	498	2.6	
							38	31	31				28	56	15						
11/02/72	1101		8.8	51.0F	8.2	2140	173	91	202	5.0	0	407	684	138	6.3	--	--		808		
0645	1101		79	10.5C			8.63	7.48	8.79	.13	.00	6.67	14.24	3.89	.10	--	--	1499	472	3.1	
							34	30	35	1			27	57	16						
12/01/72	1101		8.6	48.0F	8.3	2040	163	86	164	4.0	0	377	584	133	15.0	--	--		761		
0645	1101		74	8.9C			8.13	7.07	7.13	.10	.00	6.18	12.16	3.75	.24	--	--	1334	451	2.6	
							36	32	32				28	54	17	1					
01/03/73	1101		10.2	44.0F	8.5	2000	165	80	159	5.0	19	367	558	108	59.6	--	--		742		
0730	1101		83	6.7C			8.23	6.58	6.92	.13	.63	6.02	11.62	3.05	.96	--	--	1334	408	2.5	
							38	30	32	1	3		27	52	14	4					
02/06/73	1101			53.0F			--	--	--	--	--	--	--	--	--	--	--				
0630	1101			11.7C	8.1	873															
03/07/73	1101		7.9	53.0F	8.4	935	84	45	80	3.0	4.0	276	244	54	16.4	--	--		394		
0750	1101		73	11.7C			4.19	3.70	3.48	.08	.13	4.52	5.08	1.52	.26	--	--	666	162	1.8	
							37	32	30	1	1		39	44	13	2					
04/05/73	1101		11.4	55.0F	8.3	1260	108	51	89	3.0	0	321	315	55	12.2	--	--		480		
0720	1101		107	12.8C			5.39	4.19	3.07	.08	.00	5.26	6.56	1.55	.20	--	--	791	216	1.8	
							40	31	29	1			39	48	11	1					
05/04/73	1101		7.4	59.0F	8.1	1460	121	62	113	3.0	0	376	377	66	8.9	--	--		558		
0730	1101		73	15.0C			6.04	5.10	4.92	.08	.00	6.16	7.05	1.86	.14	--	--	936	249	2.1	
							37	32	30				38	49	12	1					

SEE PAGE 28 FOR KEY TO TERMS AND ABBREVIATIONS

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. 0 DEPTH	00 SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER EQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER				
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	TURB SAR	REM					
		75	1020.10	MALIBU CREEK AT PACIFIC COAST HWY										CONTINUED											
06/04/73	1101		6.2	64.0F		149	74	128	4.0	0	375	501	90	13.2	--	--			676						
0725	1101		45	17.8C	8.3	1690	7.44	6.09	5.57	.10	.00	6.15	10.43	2.54	.21	--	--	1144	369	2.1					
							39	32	29	1		32	54	13	1										
07/03/73	1101		3.6	64.0F		153	72	145	4.0	0	379	504	101	9.7	--	--			678						
0720	1101		38	17.8C	7.9	1040	7.63	5.92	6.31	.10	.00	6.21	10.49	2.85	.16	--	--	1175	367	2.4					
							38	30	32	1		32	53	14	1										
08/01/73	1101		1.5	65.0F		146	82	147	4.0	0	388	527	100	.0	--	--			704						
0725	1101		16	18.3C	8.2	1740	7.29	6.74	6.39	.10	.00	6.36	10.97	2.82	.00	--	--	1197	384	2.4					
							36	33	31			32	54	14											
09/06/73	1101		3.0	65.0F		154	95	153	4.0	0	393	587	105	.0	--	--			776						
0700	1101		32	18.3C	8.1	1030	7.68	7.81	6.66	.10	.00	6.44	12.22	2.96	.00	--	--	1291	453	2.4					
							35	35	30			30	57	14											
		75	2150.00	TOPANGA CREEK ABOVE PACIFIC COAST HWY																					
10/04/72	1101		8.8	60.0F		104	52	164	4.0	0	319	418	119	.0	--	--			474						
0800	1101		88	15.5C	8.3	1590	5.19	4.28	7.13	.10	.00	5.23	8.70	3.36	.00	--	--	1010	212	3.3					
							31	26	43	1		30	50	19											
11/02/72	1101		10.0	50.0F		103	50	165	4.0	0	325	412	116	.0	--	--			463						
0710	1101		88	10.0C	8.3	1680	5.14	4.11	7.18	.10	.00	5.33	8.58	3.27	.00	--	--	1010	196	3.3					
							31	25	43	1		31	50	19											
12/01/72	1101		9.5	49.0F		122	48	166	4.0	0	323	417	125	.0	--	--			503						
0705	1101		83	9.4C	8.3	1650	6.09	3.95	7.22	.10	.00	5.29	8.68	3.53	.00	--	--	1041	238	3.2					
							35	23	42	1		30	50	20											
01/03/73	1101		10.4	43.0F		110	52	156	4.0	0	322	391	110	.0	--	--			487						
0800	1101		84	6.1C	8.3	1590	5.49	4.28	6.79	.10	.00	5.28	8.14	3.10	.00	--	--	981	225	3.1					
							33	26	41	1		32	49	19											
02/06/73	1101			50.0F		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
0645	1101			10.0C	8.1	560																			
03/07/73	1101		9.0	48.0F		103	42	81	4.0	0	270	314	48	10.3	--	--			430						
0730	1101		77	8.9C	8.3	1150	5.14	3.45	3.52	.10	.00	4.43	6.54	1.35	.17	--	--	735	208	1.7					
							42	28	29	1		35	52	11	1										
04/05/73	1101		11.4	53.0F		135	68	120	4.0	0	357	444	78	6.2	--	--			616						
0745	1101		105	11.7C	8.4	1420	6.74	5.59	5.22	.10	.00	5.85	9.24	2.20	.10	--	--	1031	324	2.1					
							38	32	30	1		34	53	13	1										
05/04/73	1101		8.7	56.0F		131	70	136	4.0	0	343	472	91	.0	--	--			616						
0710	1101		83	13.3C	8.2	1660	6.54	5.76	5.92	.10	.00	5.62	9.83	2.57	.00	--	--	1073	334	2.4					
							36	31	32	1		31	55	14											
06/04/73	1101		8.2	62.0F		126	70	128	4.0	0	318	476	101	.0	--	--			601						
0705	1101		84	16.7C	8.2	1610	6.29	5.76	5.57	.10	.00	5.21	9.91	2.85	.00	--	--	1061	342	2.3					
							35	33	31	1		29	55	16											
07/03/73	1101		6.8	60.0F		113	65	127	4.0	0	315	384	110	3.3	--	--			553						
0800	1101		68	15.5C	8.0	1490	5.64	5.35	5.52	.10	.00	5.16	7.99	3.10	.05	--	--	961	292	2.4					
							34	32	33	1		32	49	19											
08/01/73	1101		6.2	61.0F		120	52	120	5.0	0	318	335	104	.0	--	--			513						
0700	1101		63	16.1C	8.1	1380	5.99	4.28	5.22	.13	.00	5.21	6.97	2.93	.00	--	--	892	253	2.3					
							38	27	33	1		34	46	19											
09/04/73	1101		8.3	62.0F		103	60	115	4.0	0	320	328	111	.0	--	--			503						
0800	1101		85	16.7C	8.3	1360	5.14	4.93	5.00	.10	.00	5.24	6.83	3.13	.00	--	--	878	242	2.2					
							34	32	33	1		34	45	21											
		75	3200.10	BALLONA CREEK AT LINCOLN BLVD																					
10/18/72	1101		2.7	61.0F		332	924	7800	267	0	208	2011	13700	.0	--	--			4640						
0710	1101		27	16.1C	8.0	40300	16.57	75.99339.30	6.83	.00	3.41	41.87386.34	90	.00	--	--	25136	4461	49.9						
							4	17	77	2		1	10	90											
12/15/72	1101		6.2	48.0F		200	357	3040	99	0	292	789	5360	1.2	--	--			1970						
0615	1101		53	8.9C	7.8	17400	9.98	29.36132.24	2.53	.00	4.79	16.43151.15	.02	--	--	9990	1729	29.8							
							6	17	76	1		3	10	88											
01/15/73	1101		4.4	59.0F		237	440	3670	133	0	291	958	6670	3.6	--	--			2400						
0655	1101		43	15.0C	7.8	21600	11.83	36.19159.65	3.40	.00	4.77	19.95188.09	.06	--	--	12255	2164	32.6							
							6	17	76	2		2	9	88											
02/20/73	1101		4.5	58.0F		297	731	6020	232	0	252	1540	10700	5.4	--	--			3750						
0610	1101		44	14.4C	8.0	32700	14.82	60.12261.87	5.93	.00	4.13	32.06301.74	.09	--	--	19649	3543	42.8							
							4	18	76	2		1	9	89											
03/21/73	1101		5.8	54.0F		181	424	3440	134	0	164	900	6130	3.8	--	--			2200						
0540	1101		54	12.2C	8.1	19800	9.03	34.87149.64	3.43	.00	2.69	18.74172.87	.06	--	--	11293	2062	31.9							
							5	18	76	2		1	10	89											
04/19/73	1101		2.7	59.0F		237	431	3520	128	0	284	983	6260	3.8	--	--			2370						
0700	1101		27	15.0C	8.1	20600	11.83	35.45153.12	3.27	.00	4.65	20.47176.53	.06	--	--	11702	2133	31.5							
							6	17	75	2		2	10	88											
06/18/73	1101		1.9	66.0F		263	398	3460	120	0	337	947	6150	3.2	--	--			2300						
1101	1101		20	18.9C	7.9	17900	13.12	32.73150.51	3.07	.00	5.52	19.72173.43	.05	--	--	11507	2018	31.4							
							7	16	75	2		3	10	87											





MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. DEPTH	DD SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER										MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					
						MILLIEQUIVALENTS PER LITER										B	F	TOS	TH	TURB	REM
						CA	MG	HA	K	CO3	HCO3	SO4	CL	NO3	5102						
25		3300.00	BALLONA CREEK NR CULVER CITY (AT SAWTELLE BLVD)			CONTINUED															
03/21/73	1101		8.3	51.0F		100	47	203	6.0	0	370	221	366	19.0	--	--		447			
0610	1101		74	10.5C	8.3	2100	4.99	3.87	12.31	.15	.00	6.06	4.60	10.32	.31	--	--	1224	140	5.9	
04/19/73	1101		6.5	56.0F		78	28	405	9.0	30	351	263	425	10.4	--	--		312			
0610	1101		62	13.3C	8.6	2670	3.89	2.30	17.62	.23	1.00	5.75	5.48	11.99	.17	--	--	1421	0	10.0	
05/18/73	1101		5.0	62.0F		100	41	373	10	0	376	270	458	16.1	--	--		419			
0715	1101		51	16.7C	8.1	2500	4.99	3.37	16.23	.26	.00	6.16	5.62	12.92	.26	--	--	1453	110	7.9	
06/18/73	1101		5.5	63.0F		97	41	320	8.0	0	392	196	425	10.2	--	--		412			
0600	1101		57	17.2C	8.2	2170	4.84	3.37	13.92	.20	.00	6.42	4.08	11.99	.16	--	--	1290	90	6.9	
07/17/73	1101		4.1	62.5F		84	41	354	9.0	0	317	273	433	10.1	--	--		381			
0605	1101		42	16.9C	8.3	2420	4.19	3.37	15.40	.23	.00	5.20	5.68	12.21	.16	--	--	1360	118	7.9	
08/15/73	1101		7.4	69.0F		97	51	642	11	0	311	152	988	9.2	--	--		419			
0620	1101		82	20.5C	8.1	3860	4.84	4.19	27.93	.28	.00	5.10	3.16	27.86	.15	--	--	2103	197	13.1	
09/20/73	1101		5.4	64.0F		96	44	432	9.0	0	339	168	627	17.0	--	--		420			
0710	1101		56	17.8C	8.2	2790	4.79	3.62	18.79	.23	.00	5.56	3.50	17.68	.27	--	--	1560	143	9.2	
25		3400.00	BALLONA CREEK AT CURSON ST																		
10/18/72	1101		6.4	64.0F		99	32	232	6.0	27	299	232	246	13.9	--	--		379			
0750	1101		67	17.8C	8.6	1700	4.94	2.63	10.09	.15	.90	4.90	4.83	6.94	.22	--	--	1035	89	5.2	
12/15/72	1101		9.8	46.0F		91	32	144	5.0	0	347	250	98	2.0	--	--		359			
0730	1101		82	7.8C	8.0	1420	4.54	2.63	6.26	.13	.00	5.69	5.21	2.76	.03	--	--	793	74	3.3	
01/15/73	1101		7.4	59.0F		84	34	100	4.0	22	324	143	87	10.2	--	--		348			
0735	1101		73	15.0C	8.4	1110	4.19	2.80	4.35	.10	.73	5.31	2.98	2.45	.16	--	--	644	48	2.3	
02/20/73	1101		9.9	56.0F		103	49	138	4.0	16	429	192	106	17.3	--	--		458			
0710	1101		94	13.3C	8.4	1430	5.14	4.03	6.00	.10	.53	7.03	4.00	2.99	.28	--	--	836	81	2.8	
03/21/73	1101		8.5	53.0F		88	39	121	4.0	0	346	192	106	20.0	--	--		379			
0715	1101		78	11.7C	8.3	1250	4.39	3.21	5.26	.10	.00	5.67	4.00	2.99	.32	--	--	740	97	2.7	
04/19/73	1101		12.1	61.0F		89	37	144	5.0	48	337	247	110	10.9	--	--		375			
0725	1101		122	16.1C	8.9	1320	4.44	3.04	6.26	.13	1.60	3.88	5.14	3.10	.18	--	--	807	100	3.2	
05/18/73	1101		8.6	62.0F		80	33	122	5.0	0	259	266	87	20.0	--	--		336			
0755	1101		88	16.7C	8.3	1150	3.99	2.71	5.31	.13	.00	4.25	5.54	2.45	.32	--	--	740	123	2.9	
06/18/73	1101		8.3	65.0F		80	31	119	5.0	0	315	202	84	16.1	--	--		326			
0730	1101		88	18.3C	8.3	1100	3.99	2.55	5.18	.13	.00	5.16	4.21	2.37	.26	--	--	692	69	2.9	
07/17/73	1101		7.8	65.5F		82	36	224	5.0	27	242	240	243	15.5	--	--		356			
0720	1101		83	18.6C	8.7	1640	4.09	2.96	9.74	.13	.90	3.97	5.00	6.85	.25	--	--	991	109	5.2	
08/15/73	1101		5.4	69.0F		93	20	159	8.0	0	453	137	108	6.1	--	--		333			
0545	1101		60	20.5C	8.2	1250	4.64	1.64	6.92	.20	.00	7.42	2.85	3.05	.10	--	--	754	0	3.9	
09/20/73	1101		5.9	65.0F		78	28	144	10	0	436	106	121	.0	--	--		311			
0745	1101		62	18.3C	8.2	1130	3.89	2.30	6.26	.26	.00	7.15	2.21	3.41	.00	--	--	701	0	3.6	
76		1100.00	LOS ANGELES RIVER AT PACIFIC COAST HWY																		
10/04/72	5239		5.1	68.0F		901	575	6000	--	0	161	1393	10050	.4	--	--		20151*	4616		
0945	5239		56	20.0C	7.4	44.96	47.29	261.00	.00	.00	2.64	29.00	283.41	.01	--	--		18999	4484	38.4	
11/01/72	5239		0.6	60.0F		1291	800	8000	--	0	175	1760	13092	.0	--	--		24453*	6516		
1050	5239		6	15.5C	7.5	64.42	65.79	348.00	.00	.00	2.87	36.64	369.19	.00	--	--		25029	6372	43.1	
12/06/72	5239		6.7	54.0F		136	220	2300	--	0	125	607	3605	7.1	--	--		680*	1247		
1000	5239		62	12.2C	7.1	6.83	18.09	100.05	.00	.00	2.05	12.64	101.66	.11	--	--		6938*	1144	28.3	
01/03/73	5239		1.0	55.0F		1231	800	8500	--	0	163	1997	15720	.0	--	--		29624*	6366		
0915	5239		9	12.8C	7.4	61.43	65.79	369.75	.00	.00	2.67	41.58	443.30	.00	--	--		28328*	6232	46.4	
04/04/73	5239		7.0	58.0F		191	360	3300	--	10	162	887	4628	6.1	--	--		10291*	1959		
0945	5239		68	14.4C	8.4	9.55	29.61	143.55	.33	.33	2.66	18.48	130.52	.10	--	--		9463	1810	32.4	
05/02/73	5239		3.8	59.0F		334	395	3430	--	0	155	990	5947	4.2	--	--		12343*	2460		
0950	5239		38	15.0C	7.8	16.67	32.48	149.21	.00	.00	2.54	20.63	167.71	.07	--	--		11177	2332	30.1	
06/06/73	5239		2.7	75.2F		1048	1040	6700	--	0	160	1585	13148	1.3	--	--		26455*	6899		
1115	5239		32	24.0C	7.2	52.34	85.53	291.45	.00	.00	2.62	33.02	370.77	.02	--	--		23603	6768	35.1	
07/11/73	5239		1.6	68.0F		116	190	1000	--	0	160	462	1686	4.4	--	--		3688*	703		
1045	5239		17	20.0C	8.0	5.83	8.22	43.50	.00	.00	2.62	9.63	47.55	.07	--	--		3449	572	16.4	

TABLE O-2 (CONT)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. DEPTH	DO SAT	TFMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER EQUIVALENTS PER LITER				MILLIGRAMS PER LITER				
						CA	MG	NA	K	CO3	PERCENT			REFRACTANCE VALUE			B	F	TDS SUM	TH NCH	TURB 5AR	REM		
											CO3	NO3	NO2	CO3	NO3	NO2							CO3	NO3
Z6 1100.00 LOS ANGELES RIVER AT PACIFIC COAST HWY CONTINUED																								
08/01/73	5239		3.5	62.0F		1287	840	8350	--	0	129	1554	13960	4.4	--	--	26679*	6670						
1115	5239		36	16.7C	7.6	64.22	69.08	363.23		.00	2.11	32.35	393.67	.07	--	--	26059	6565	44.5					
Z6 1120.10 LOS ANGELES RIVER AT WILLOW STREET																								
10/04/72	1101		3.5	63.0F		93	28	149	10	0	280	276	117	11.0	--	--		347						
0620	1101		36	17.2C	8.5	1450	4.64	2.30	6.48	.26	.00	4.59	5.75	3.30	.18	--	822	118	3.5					
11/02/72	1101		6.4	52.0F		108	32	143	10	0	313	279	121	12.0	--	--		404						
0635	1101		58	11.1C	8.3	1430	5.39	2.63	6.22	.26	.00	5.13	5.81	3.41	.19	--	859	145	3.1					
12/01/72	1101		7.7	7.0F		103	31	132	9.0	0	255	291	114	21.2	--	--		385						
0720	1101		65	8.3C	8.0	1370	5.14	2.55	5.74	.23	.00	4.18	6.06	3.21	.34	--	827	176	2.9					
01/03/73	1101		6.4	45.0F		105	31	140	10	6.0	260	275	108	23.0	--	--		389						
0700	1101		53	7.2C	8.4	1440	5.24	2.55	6.09	.26	.20	4.26	5.73	3.05	.37	--	826	167	3.1					
03/07/73	1101		7.8	51.0F		26	6.0	23	3.0	0	81	50	15	7.8	--	--		91						
0545	1101		70	10.5C	7.7	306	1.30	.49	1.00	.08	.00	1.33	1.04	.42	.13	--	171	23	1.1					
04/05/73	1101		8.4	51.0F		105	39	133	8.0	35	153	309	131	15.2	--	--		423						
0640	1101		75	10.5C	9.0	1410	5.24	3.21	5.79	.20	1.17	2.51	6.43	3.69	.25	--	850	239	2.8					
05/04/73	1101		5.4	63.0F		85	40	144	8.0	58	130	283	142	2.6	--	--		377						
0700	1101		56	17.2C	9.0	1300	4.24	3.29	6.26	.20	1.93	2.13	5.89	4.00	.04	--	827	174	3.2					
05/23/73	5050		7.3	60.0F		--	--	--	--	--	--	267	135	--	--	--	853	376	7A					
0800	5050	32	73	15.5C								5.56	3.81	--	--	--								
06/04/73	1101		5.0	65.0F		85	32	128	7.0	43	150	252	126	8.6	--	--		343						
0555	1101		53	18.3C	9.0	1210	4.24	2.63	5.57	.18	1.43	2.46	5.25	3.55	.14	--	755	149	3.0					
07/03/73	1101		3.3	68.5F		89	37	147	9.0	24	217	270	137	5.8	--	--		377						
0630	1101		36	20.3C	8.6	1320	4.44	3.84	6.39	.23	.80	3.56	5.62	3.86	.09	--	825	156	3.3					
08/01/73	1101		2.7	70.0F		94	38	147	8.0	5.0	256	282	138	4.7	--	--		391						
0645	1101		30	21.1C	8.4	1340	4.69	3.13	5.39	.20	1.17	4.20	5.87	3.89	.08	--	843	173	3.2					
09/06/73	1101		4.4	54.0F		102	32	139	9.0	0	263	275	132	15.1	--	--		391						
0545	1101		46	17.8C	8.2	1330	5.09	2.63	6.05	.23	.00	4.31	5.73	3.72	.24	--	633	171	3.1					
09/27/73	5050		7.2	63.0F		--	--	--	--	--	--	278	132	--	--	--	859	38A	8A					
0730	5050	23	74	17.2C								5.79	3.72	--	--	--								
Z6 1250.00 LOS ANGELES RIVER AT FIRESTONE BLVO																								
10/04/72	1101		5.7	60.0F		107	34	140	9.0	0	302	284	128	19.2	--	--		40A						
0700	1101		57	15.5C	8.2	1400	5.34	2.80	6.09	.23	.00	4.95	5.91	3.61	.31	--	870	160	3.0					
11/02/72	1101		8.1	50.0F		109	37	147	9.0	0	281	310	136	21.2	--	--		424						
0705	1101		72	16.0C	8.1	1480	5.44	3.04	6.39	.23	.00	4.61	6.45	3.84	.34	--	907	194	3.1					
12/01/72	1101		11.2	49.0F		103	34	131	7.0	0	260	273	134	22.7	--	--		399						
0620	1101		98	9.4C	7.8	1420	5.14	2.80	5.70	.18	.00	4.26	5.68	3.78	.37	--	833	184	2.9					
01/03/73	1101		7.5	46.0F		99	33	138	8.0	0	264	275	120	21.7	--	--		382						
0735	1101		63	7.8C	3.3	1410	4.94	2.71	6.00	.20	.00	4.33	5.73	3.38	.35	--	825	166	3.1					
02/06/73	1101			55.0F		--	--	--	--	--	--	--	--	--	--	--	--	--						
0600	1101			12.8C	7.3	111																		
04/05/73	1101		10.5			115	42	125	7.0	32	194	327	128	15.7	--	--		462						
0715	1101				8.6	1470	5.74	3.45	5.44	.18	1.07	3.18	6.81	3.61	.25	--	887	247	2.5					
05/04/73	1101		8.0			105	38	137	7.0	0	296	273	127	6.6	--	--		420						
0600	1101				7.9	1340	5.24	3.13	5.96	.18	.00	4.85	5.68	3.58	.11	--	839	176	2.9					
06/04/73	1101		5.9			89	23	182	8.0	0	214	332	144	9.3	--	--		318						
0625	1101				7.9	1460	4.44	1.89	7.92	.20	.00	3.51	6.91	4.06	.15	--	893	141	4.4					
07/03/73	1101		5.7	69.5F		117	27	137	8.0	9.0	236	297	123	13.0	--	--		405						
0705	1101		63	20.8C	8.3	1320	5.84	2.22	5.96	.20	.30	3.87	6.18	3.47	.21	--	847	195	3.0					
08/01/73	1101		8.8	72.0F		101	38	132	7.0	15	227	292	123	7.0	--	--		407						
0600	1101		100	22.2C	8.4	1290	5.04	3.13	5.74	.18	.50	3.72	6.08	3.47	.11	--	827	19A	2.8					
09/06/73	1101		6.6	66.0F		115	31	187	7.0	0	190	375	193	11.9	--	--		414						
0615	1101		71	18.9C	8.0	1580	5.74	2.55	8.13	.18	.00	3.11	7.81	5.44	.19	--	1013	259	4.0					



TABLE D-2 (CONT.)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. D DEPTH	DO SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE			MILLIGRAMS PER LITER					REM
							CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TN NCM	TURB SAR					
26 1259.10 LOS ANGELES RIVER AT DOWNEY RD																									
10/04/72	1101		7.4	60.0F			115	37	152	8.0	0	292	302	147	18.6	--	--			439					
0740	1101		74	15.5C	8.1	1490	5.74	3.04	6.61	.20	.00	4.79	6.29	4.15	.30	--	--	923	200	3.2					
							37	19	42	1		31	41	27	2										
11/02/72	1101		10.5	51.0F			110	35	153	8.0	0	279	301	146	20.9	--	--			420					
0725	1101		94	10.5C	8.1	1500	5.49	2.88	6.66	.20	.00	4.57	6.27	4.12	.34	--	--	911	190	3.3					
							36	19	44	1		30	41	27	2										
12/01/72	1101		16.2	48.0F			109	35	143	7.0	15	239	275	138	24.5	--	--			417					
0830	1101		139	8.9C	8.4	1510	5.44	2.88	6.22	.18	.50	3.92	5.73	3.89	.40	--	--	864	195	3.1					
							37	20	42	1	3	27	40	27	3										
01/03/73	1101		7.1	45.0F			106	33	127	7.0	0	259	287	115	23.0	--	--			401					
	1101		59	7.2C	8.1	1420	5.29	2.71	5.52	.18	.00	4.25	5.98	3.24	.37	--	--	825	188	2.8					
							39	20	40	1		31	43	23	3										
02/06/73	1101			55.0F			--	--	--	--	--	--	--	--	--	--	--	--	--						
0750	1101			12.8C	7.2	162										--	--								
03/07/73	1101		9.7	50.0F			46	13	42	3.0	0	100	114	39	10.0	--	--			168					
0645	1101		86	10.0C	8.1	545	2.30	1.07	1.83	.08	.00	1.64	2.37	1.10	.16	--	--	316	87	1.4					
							44	20	35	2		31	45	21	3										
04/05/73	1101		8.9	52.0F			117	43	135	6.0	7.0	265	311	133	15.1	--	--			470					
0610	1101		81	11.1C	8.4	1500	5.84	3.54	5.87	.15	.23	4.34	6.48	3.75	.24	--	--	897	241	2.7					
							38	23	38	1	2	29	43	25	2										
05/04/73	1101		9.6	61.0F			113	37	139	7.0	0	290	286	137	10.6	--	--			437					
0800	1101		97	16.1C	8.3	1420	5.64	3.04	6.05	.18	.00	4.75	5.95	3.86	.17	--	--	872	197	2.9					
							38	20	41	1		32	40	26	1										
06/04/73	1101		5.4	66.0F			108	32	136	7.0	0	304	257	138	15.4	--	--			403					
0705	1101		58	18.9C	8.0	1410	5.39	2.63	5.92	.18	.00	4.98	5.35	3.89	.25	--	--	843	152	3.0					
							38	19	42	1		34	37	27	2										
07/03/73	1101		3.2	69.0F			114	27	138	8.0	0	251	287	129	13.0	--	--			397					
0555	1101		35	20.5C	8.0	1350	5.69	2.22	6.00	.20	.00	4.11	5.98	3.64	.21	--	--	839	190	3.0					
							40	16	43	1		29	43	26	2										
08/01/73	1101		10.5	72.0F			103	37	142	8.0	11	229	298	135	8.6	--	--			410					
	1101		120	22.2C	8.5	1330	5.14	3.04	6.18	.20	.37	3.75	6.20	3.81	.14	--	--	855	203	3.1					
							35	21	42	1	3	26	43	27	1										
09/06/73	1101		6.2	65.0F			119	41	110	12	0	300	312	874	.3	--	--			464					
0645	1101		66	18.3C	8.1	3650	5.94	3.37	26.54	.31	.00	4.92	6.50	24.65	.00	--	--	2116	220	12.3					
							16	9	73	1		14	18	68											
26 1272.10 LOS ANGELES RIVER AT SIXTH STREET																									
10/04/72	1101		4.2	63.0F			114	35	143	8.0	0	288	293	149	20.0	--	--			428					
0630	1101		43	17.2C	7.8	1470	5.69	2.88	6.22	.20	.00	4.72	6.10	4.20	.32	--	--	904	193	3.0					
							38	19	41	1		31	40	27	2										
11/02/72	1101		9.7	54.0F			118	37	159	9.0	0	279	341	143	19.7	--	--			447					
0730	1101		90	12.2C	8.2	1600	5.89	3.04	6.92	.23	.00	4.57	7.10	4.03	.32	--	--	964	214	3.3					
							37	19	43	1		29	44	25	2										
12/01/72	1101		6.1	52.0F			107	35	143	7.0	0	277	281	147	23.0	--	--			413					
0635	1101		55	11.1C	7.9	1440	5.34	2.88	6.22	.18	.00	4.54	5.85	4.15	.37	--	--	879	184	3.1					
							37	20	43	1		30	39	28	2										
01/03/73	1101		8.0	48.0F			107	35	130	7.0	0	268	280	122	.0	--	--			409					
0800	1101		69	8.9C	8.2	1410	5.34	2.88	5.66	.18	.00	4.39	5.83	3.44	.00	--	--	813	192	2.8					
							38	20	40	1		32	43	25											
02/06/73	1101			52.0F			--	--	--	--	--	--	--	--	--	--	--	--	--						
0630	1101			11.1C	7.4	256										--	--								
03/07/73	1101		9.1	53.0F			32	8.0	26	3.0	0	76	66	24	7.4	--	--			115					
0735	1101		84	11.7C	7.8	357	1.60	.68	1.13	.08	.00	1.25	1.37	.68	.12	--	--	204	51	1.1					
							46	19	33	2		37	40	20	4										
04/05/73	1101		8.4	50.0F			117	43	120	6.0	0	284	312	117	15.1	--	--			468					
0615	1101		74	10.0C	8.3	1480	5.84	3.54	5.22	.15	.00	4.65	6.50	3.30	.24	--	--	870	237	2.4					
							40	24	35	1		32	44	22	2										
05/04/73	1101		4.8	61.0F			111	38	138	7.0	0	279	308	137	10.3	--	--			433					
0700	1101		49	16.1C	7.9	1470	5.54	3.13	6.00	.18	.00	4.57	6.41	3.86	.17	--	--	886	205	2.9					
							37	21	40	1		30	43	26	1										
06/04/73	1101		3.7	62.0F			111	36	129	6.0	0	298	274	127	16.9	--	--			427					
0625	1101		38	16.7C	7.9	1370	5.54	2.96	5.61	.15	.00	4.88	5.70	3.58	.27	--	--	846	191	2.7					
							39	21	39	1		34	40	25	2										
07/03/73	1101		5.5	69.0F			107	21	123	8.0	0	245	257	114	12.1	--	--			355					
0715	1101		61	20.5C	8.2	1220	5.34	1.73	5.35	.20	.00	4.02	5.35	3.21	.20	--	--	763	153	2.8					
							42	14	42	2		31	42	25	2										
08/01/73	1101		6.4	70.0F			94	36	126	7.0	0	241	278	112	9.9	--	--			383					
0740	1101		71	21.1C	8.3	1240	4.69	2.96	5.48	.18	.00	3.95	5.79	3.16	.16	--	--	781	185	2.8					
							35	22	41	1		30	44	24	1										
09/06/73	1101		5.2	62.0F			115	41	141	8.0	0	291	304	140	20.1	--	--			458					
0700	1101		53	16.7C	7.9	1440	5.74	3.37	6.13	.20	.00	4.77	6.33	3.95	.32	--	--	912	217	2.9					
							37	22	40	1		31	41	26	2										
76 1300.00 LOS ANGELES RIVER AT FIGUEROA STREET																									
05/23/73	5050		6.5	60.0F			--	--	--	--	--	--	282	141	--	--	--			877					
0630	5050		53	15.5C	8.4	1400																			



TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. O DEPTH	DC SAT	TEMP	FIELD LABORATORY PH EC	MILLIGRAMS PER LITER										MILLIGRAMS PER LITER										
						MINERAL CONSTITUENTS IN										PERCENT REACTANCE VALUE					8	F	TDS	TH	TURB	REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	SI02	SUM	NCH	SAR								
26 1850.05 LOS ANGELES AQUEDUCT NEAR SAN FERNANDO						CONTINUED																				
12/26/72	1200		12.6	48.2F	8.9	26	5.6	32	3.5	--	--	27	15	.5	.48	.5		89								
	1200		109	9.0C	8.2	330	1.30	.46	1.39	.09		.56	.42	.01		25.0							1.5			
01/15/73	1200		13.4	44.6F	8.2	26	5.4	32	3.3	--	--	30	14	.3	.37	.5		88					1.5			
	1200		110	7.0C	8.2	330	1.30	.44	1.39	.08		.62	.39	.00		26.0										
02/20/73	1200		12.4	48.2F	8.5	27	5.4	33	3.3	--	--	36	15	.9	.38	.5		90					1.5			
	1200		107	9.0C	8.3	338	1.35	.44	1.44	.08		.75	.42	.01		26.0										
03/19/73	1200		12.0	51.8F	8.6	30	6.3	40	3.7	--	--	37	16	.9	.46	.5		100					1.7			
	1200		108	11.0C	8.2	381	1.50	.52	1.74	.09		.77	.45	.01		26.0										
04/16/73	1200		11.4	55.4F	8.2	29	6.1	39	3.8	--	--	39	19	1.0	.50	.5		98					1.7			
	1200		108	13.0C	8.0	388	1.45	.50	1.70	.10		.81	.54	.02		28.0										
05/21/73	1200		9.8	66.2F	8.2	26	5.1	37	4.2	--	--	29	18	1.0	.48	.6		85					1.7			
	1200		105	19.0C	8.2	356	1.30	.42	1.61	.11		.60	.51	.02		26.0										
06/18/73	1200		9.4	68.0F	8.3	18	3.4	24	1.9	--	--	23	9.9	.7	.32	.6		60					1.4			
	1200		103	20.0C	8.3	246	.90	.28	1.04	.05		.48	.28	.01		19.0										
07/16/73	1200		9.2	73.4F	8.2	16	2.4	19	1.2	--	--	23	6.0	.7	.21	.3		51					1.2			
	1200		106	23.0C	8.2	204	.80	.20	.83	.03		.48	.17	.01		14.0										
08/20/73	1200		9.0	73.4F	8.2	20	2.9	25	2.5	--	--	24	8.9	.3	--	.5		62					1.4			
	1200		104	23.0C	8.3	249	1.00	.24	1.09	.06		.50	.25	.00		16.0										
09/17/73	1200		8.0	69.8F	8.2	21	3.2	28	2.9	--	--	19	12	1.1	--	.5		65					1.5			
	1200		89	21.0C	8.1	272	1.05	.26	1.22	.07		.40	.34	.02		20.0										
26 3025.10 DOMINGUEZ CHANNEL AT ANAHEIM ST																										
10/04/72	1101		3.8	67.0F		462	1190	10200	388	0	146	2690	18300	.0	--	--		6070								
	0712	1101	41	19.4C	7.9	51700	23.05	97.87443.70	9.93	.00	2.39	56.01516.06	10	90	.00	--	--	33302	5931	57.1						
11/02/72	1101		4.3	61.0F		411	1220	10300	393	0	144	2590	18700	.0	--	--		6040								
	0700	1101	43	16.1C	7.8	52400	20.51100.33448.0510.05	10.05	9.87	.00	2.36	53.92527.34	9	90	.00	--	--	33685	5929	57.6						
12/01/72	1101		2.6	59.0F		389	1210	10480	398	0	142	2610	18600	.0	--	--		5960								
	0630	1101	26	15.0C	7.9	52200	19.41	99.51455.8810.18	10.18	.00	2.33	54.34524.52	9	90	.00	--	--	33757	5834	59.1						
01/03/73	1101		4.9	55.0F		391	1230	10600	392	0	144	2640	18600	.0	--	--		6060								
	0615	1101	46	12.8C	8.0	51100	19.51101.16461.1010.03	10.03	9.87	.00	2.36	54.96524.52	9	90	.00	--	--	33924	5920	54.4						
02/06/73	1101		57.0F			--	--	--	--	--	--	--	--	--	--	--	--									
	0715	1101		13.9C	7.0	18900																				
03/07/73	1101		1.6	54.0F		370	1140	9310	358	0	146	2750	16800	.0	--	--		5600								
	0630	1101	15	12.2C	8.1	47200	18.46	93.75404.99	9.16	.00	2.39	48.93473.76	9	90	.00	--	--	30400	5495	54.1						
04/05/73	1101		5.5	60.0F		412	1180	10000	386	0	142	2470	17800	.0	--	--		5910								
	0400	1101	55	15.5C	7.9	50100	20.56	97.04435.00	9.87	.00	2.33	51.43501.96	9	90	.00	--	--	32318	5768	56.7						
06/04/73	1101		3.8	65.0F		385	1120	9750	333	0	155	2480	17300	.0	--	--		5580								
	0600	1101	40	18.3C	7.9	47900	19.21	92.11424.13	8.52	.00	2.54	51.63487.86	10	90	.00	--	--	31444	5443	56.8						
07/02/73	1101		3.9	65.0F		555	1220	10600	406	0	144	2590	18800	.0	--	--		6200								
	1101		41	18.3C	7.7	51800	27.69100.33461.1010.39	10.39	9.87	.00	2.36	53.92530.16	9	90	.00	--	--	34242	6288	57.6						
08/01/73	1101		4.6	73.0F		379	1130	9950	363	0	150	2440	17500	.0	--	--		5620								
	0715	1101	53	22.8C	8.0	47600	18.91	92.93432.83	9.29	.00	2.46	50.80493.50	9	90	.00	--	--	31836	5473	57.9						
09/06/73	1101		4.8	67.0F		349	1090	9330	321	0	160	2710	16400	.0	--	--		5370								
	1101		52	19.4C	8.2	45100	17.42	89.64405.86	8.21	.00	2.62	48.09462.48	1	90	.00	--	--	29879	5226	55.5						
26 3075.10 DOMINGUEZ CHANNEL AT WILMINGTON AVE.																										
10/04/72	1101		4.7	69.0F		378	1070	8940	302	0	169	2180	16030	.0	--	--		5360								
	0655	1101	52	20.5C	8.2	45500	18.86	88.00388.89	7.73	.00	2.77	45.39452.05	9	90	.00	--	--	28983	5209	53.2						
11/02/72	1101		3.9	61.0F		365	1080	8970	333	0	156	2370	16300	.0	--	--		5370								
	0640	1101	39	16.1C	8.2	46700	18.21	88.82390.20	8.52	.00	2.56	49.34459.66	10	90	.00	--	--	29495	5228	53.3						
12/01/72	1101		4.4	57.0F		314	894	7570	278	7.0	196	2000	13500	.0	--	--		4470								
	0700	1101	42	13.9C	8.4	39400	15.67	73.52329.30	7.11	.23	3.21	41.64380.70	10	89	.00	--	--	24659	4291	49.3						
01/03/73	1101		4.1	54.0F		355	1040	9000	325	0	169	2280	15800	.0	--	--		5170								
	0650	1101	38	12.2C	8.3	47200	17.71	85.53391.50	8.31	.00	2.77	47.47445.56	10	90	.00	--	--	28883	5028	54.5						
02/06/73	1101		55.0F			--	--	--	--	--	--	--	--	--	--	--	--									
	0645	1101		12.8C	7.4	2650																				





TABLE D-2 (CONT.)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PM EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER					REMARKS
						MILLIEQUIVALENTS PER LITER										PERCENT REACTANCE VALUE					
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	0	F	TO5	TM	TURB		
Z6 3130.10 DOMINGUEZ CHANNEL BELOW VERMONT AVE.						CONTINUED															
05/04/73	1101		4.4	58.0F		114	161	963	42	0	251	364	1000	.0	--	--		948			
0805	1101		43	14.4C	8.0	6540	5.69	13.24	41.89	1.07	.00	4.11	7.58	50.76	.00	--	--	3567	742	13.6	
06/04/73	1101		0.2	64.0F		312	742	6300	220	0	210	1710	11200	.0	--	--		3840			
0525	1101		2	17.8C	7.6	34100	15.57	61.02	274.05	5.63	.00	3.44	35.60	315.84	.00	--	--	20587	3660	44.3	
07/02/73	1101		1.4			299	754	6690	253	0	187	1700	11900	.0	--	--		3850			
1101	1101				7.9	34500	14.92	62.01	291.02	6.47	.00	3.06	35.39	335.58	.00	--	--	21688	3696	46.9	
08/01/73	1101		4.3	72.0F		150	294	2300	93	0	224	683	4200	.0	--	--		1590			
0845	1101		49	22.2C	8.2	13600	7.49	24.18	103.53	2.38	.00	3.67	14.22	118.44	.00	--	--	7910	1401	26.0	
09/06/73	1101		0.0	70.0F		295	895	7590	274	0	185	1930	13400	.0	--	--		4430			
1101	1101			21.1C	8.0	37600	14.72	73.60	330.17	7.01	.00	3.03	40.18	377.88	.00	--	--	24475	4268	49.7	
Z6 9745.10 RIO MONDO RIVER AT RIO MONDO SPREADING GROUNDS																					
10/18/72	1101		6.3	63.0F		63	11	132	11	0	299	127	106	7.5	--	--		200			
0700	1101		65	17.2C	8.0	1060	3.14	.90	5.74	.28	.00	4.90	2.64	2.99	.12	--	--	605	0	4.0	
12/15/72	1101		10.0	46.0F		80	27	123	7.0	0	179	278	102	1.1	--	--		311			
1101	1101		84	7.8C	7.9	1190	3.99	2.22	5.35	.18	.00	2.93	5.79	2.88	.02	--	--	706	164	3.0	
01/15/73	1101		8.1	58.0F		87	24	120	7.0	0	172	282	97	9.6	--	--		315			
0700	1101		79	14.4C	8.1	1180	4.34	1.97	5.22	.18	.00	2.82	5.87	2.74	.15	--	--	711	175	2.9	
02/20/73	1101		7.8	55.0F		27	6.0	16	3.0	0	90	31	14	9.8	--	--		94			
1101	1101		73	12.8C	7.7	276	1.35	.49	.70	.08	.08	1.48	.65	.39	.16	--	--	151	18	0.7	
03/21/73	1101		7.8	53.0F		53	2.0	42	6.0	0	133	49	34	27.4	--	--		140			
0600	1101		72	11.7C	8.0	491	2.64	.16	1.83	.15	.00	2.18	1.02	.96	.44	--	--	279	31	1.5	
04/19/73	1101		8.4	60.0F		76	13	56	5.0	0	198	130	45	5.4	--	--		244			
1101	1101		84	15.5C	8.3	750	3.79	1.07	2.44	.13	.00	3.25	2.71	1.27	.09	--	--	428	81	1.6	
05/18/73	1101		7.5	65.0F		81	28	113	7.0	0	171	268	98	13.0	--	--		318			
1101	1101		79	18.3C	8.1	1160	4.04	2.30	4.92	.18	.00	2.80	5.58	2.76	.21	--	--	692	177	2.8	
06/18/73	1101		6.7	65.5F		80	29	115	6.0	0	180	287	95	9.2	--	--		319			
0600	1101		71	18.6C	7.9	1120	3.99	2.38	5.00	.15	.00	2.95	5.98	2.68	.15	--	--	710	171	2.8	
07/17/73	1101		7.5	61.0F		89	17	116	6.0	17	101	277	97	15.5	--	--		293			
1101	1101		76	16.1C	8.6	1090	4.44	1.40	5.05	.15	.57	1.66	5.77	2.74	.25	--	--	684	181	3.0	
08/15/73	1101		5.5	72.0F		75	28	122	7.0	0	161	268	103	11.8	--	--		303			
1101	1101		63	22.2C	7.9	1100	3.74	2.30	5.31	.18	.00	2.64	5.58	2.90	.19	--	--	694	170	3.1	
09/17/73	1101		6.6	70.0F		60	17	119	9.0	0	185	167	85	31.8	--	--		227			
0820	1101		74	21.1C	8.0	931	2.99	1.40	5.18	.23	.00	3.03	3.48	2.40	.51	--	--	580	68	3.5	
Z6 9780.00 RIO MONDO ABOVE SPREADING GROUNDS																					
10/27/72	5050		1.16	9.3	67.0F	7.7	900	--	--	--	--	--	108	85	--	--	--	548	166	4.8	
0815	5050		16	101	19.4C								2.25	2.40	--	--	--	--	--	--	
12/01/72	5050		1.24	9.8	57.0F	7.7	1050	--	--	--	--	--	229	90	--	--	--	600	280	4.8	
0845	5050		63	94	13.9C								4.77	2.54	--	--	--	--	--	--	
12/29/72	5050		1.46	46.0F	7.8	1150	--	--	--	--	--	--	284	96	--	--	--	706	319	12.8	
0830	5050		136	7.8C									5.91	2.71	--	--	--	--	--	--	
02/02/73	5050		1.46	10.7	48.0F	7.7	1050	--	--	--	--	--	267	92	--	--	--	655	309	16.8	
0845	5050		142	92	8.9C								5.56	2.59	--	--	--	--	--	--	
02/27/73	5050		1.48	10.5	52.0F	8.0	300	--	--	--	--	--	33	11	--	--	--	174	135	32.8	
0800	5050		154	95	11.1C								.69	.31	--	--	--	--	--	--	
04/13/73	5050		1.39	10.3	61.0F	8.1	490	--	--	--	--	--	83	33	--	--	--	328	180		
0830	5050		126	104	16.1C								1.73	.93	--	--	--	--	--	--	
04/25/73	5050		1.40	10.3	60.0F	7.8	1000	--	--	--	--	--	257	92	--	--	--	694	314	12.8	
0845	5050		131	103	15.5C								5.35	2.59	--	--	--	--	--	--	
05/23/73	5050		1.49	9.6	60.0F	7.7	1180	--	--	--	--	--	270	97	--	--	--	717	318	3.8	
0915	5050		154	96	15.5C								5.62	2.74	--	--	--	--	--	--	
06/28/73	5050		1.43	9.5	69.0F	7.8	1100	--	--	--	--	--	262	94	--	--	--	710	305	3.8	
0745	5050		121	105	20.5C								5.45	2.65	--	--	--	--	--	--	
07/27/73	5050		1.18	14.3	74.0F	8.4	1000	--	--	--	--	--	252	96	--	--	--	711	277	2.8	
0745	5050		24	166	23.3C								5.25	2.71	--	--	--	--	--	--	

TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	S.H. DEPTH	DD SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS	TH	TURB		
						502	5102	SUM	NCM	5AR											
26 9780.00 RIO MONDO ABOVE SPREADING GROUNDS						CONTINUED															
08/28/73 0815	5050 5050	1.46 148	9.6 108	71.0F 21.6C	7.7 1020	--	--	--	--	--	262 5.45	93 2.62	--	--	--	661	294	4A			
09/27/73 0900	5050 5050	1.40 121	8.3 94	71.0F 21.6C	7.7 1050	--	--	--	--	--	253 5.27	94 2.65	--	--	--	700	293	10A			
27 1100.90 SAN GABRIEL RIVER AT WHITTIER NARROWS																					
10/26/72 0930	5050 5050	6E	10.0 100	60.0F 15.5C	8.1 1060	--	--	--	--	--	134 2.79	101 2.85	--	--	--	636	273	11A			
12/01/72 1010	5050 5050	65E	12.9 120	54.0F 12.2C	8.3 1100	--	--	--	--	--	285 5.93	98 2.76	--	--	--	693	332	5A			
12/29/72 1000	5050 5050	50E	13.4 111	45.0F 7.2C	8.2 1150	--	--	--	--	--	296 6.16	98 2.76	--	--	--	719	333	8A			
02/02/73 1000	5050 5050	50E	11.0 93	47.0F 8.3C	8.1 1075	--	--	--	--	--	284 5.91	100 2.82	--	--	--	699	330	7A			
02/27/73 0945	5050 5050	20E	9.3 91	58.0F 14.4C	8.1 1000	--	--	--	--	--	158 3.29	82 2.31	--	--	--	630	331	4A			
04/13/73 1015	5050 5050	25E	15.8 163	63.0F 17.2C	8.4 1050	--	--	--	--	--	270 5.62	99 2.79	--	--	--	745	332				
04/25/73 1020	5050 5050	30E	14.6 146	60.0F 15.5C	8.3 1050	--	--	--	--	--	283 5.89	99 2.79	--	--	--	737	337	8A			
05/23/73 1030	5050 5050	50E	11.1 111	60.0F 15.5C	8.1 1200	--	--	--	--	--	286 5.95	100 2.82	--	--	--	738	336	3A			
06/28/73 0915	5050 5050	50E	11.1 121	68.0F 20.0C	8.3 1120	--	--	--	--	--	294 6.12	98 2.76	--	--	--	747	337	1A			
07/27/73 0900	5050 5050	150E	9.9 112	71.0F 21.6C	8.0 1075	--	--	--	--	--	296 6.16	98 2.76	--	--	--	759	331	1A			
08/28/73 0945	5050 5050	65E	13.0 147	71.0F 21.6C	8.4 1050	--	--	--	--	--	286 5.95	95 2.68	--	--	--	701	309	4A			
09/27/73 1015	5050 5050	25E	7.6 88	73.0F 22.8C	7.8 1100	--	--	--	--	--	279 5.81	98 2.76	--	--	--	730	324	2A			
27 1927.10 SAN GABRIEL RIVER AT AZUSA POWERHOUSE																					
10/26/72 1335	5050 5050	20E	11.4 109	56.0F 13.3C	8.3 405 374	46 2.30 55	14 1.15 28	14 .61 15	3.8 .10 2	0 .00	196 3.21 79	32 .67 16	6.0 .17 4	1.8 .03 1	.07 --	.3 --	227 214	173 12	2A 0.5		
12/01/72 1300	5050 5050	25E	11.7 109	54.0F 12.2C	8.1 350 383	48 2.40 55	15 1.23 28	12 .56 15	5.7 .15 3	0 .00	196 3.21 77	39 .81 19	5.0 .14 3	1.3 .02	.05 --	.3 --	240 223	182 21	1A 0.4		
12/29/72 1335	5050 5050	35E	12.0 103	48.0F 8.9C	8.1 350 390	49 2.45 58	14 1.15 27	13 .57 13	3.6 .09 2	0 .00	198 3.25 77	39 .81 19	5.0 .14 3	1.0 .02	.03 --	.5 --	231 222	180 18	3A 0.4		
02/02/73 1230	5050 5050	50E	12.4 104	46.0F 7.8C	8.1 325 351	45 2.25 57	14 1.15 29	11 .48 12	3.0 .08 2	0 .00	175 2.87 75	38 .79 21	5.0 .14 4	3.2 .05	.00 --	.4 --	247 205	170 27	5A 0.4		
02/27/73 1400	5050 5050	60E	12.2 108	50.0F 10.0C	7.9 225 259	32 1.60 57	9.6 .79 28	7.6 .33 12	2.7 .07 3	0 .00	132 2.16 82	15 .31 12	3.0 .08 3	5.4 .09	.04 --	.3 --	159 140	120 12	24A 0.3		
04/13/73 1300	5050 5050	60E	10.1 99	58.0F 14.4C	8.1 280 331	42 2.10 61	11 .90 26	9.3 .40 12	2.7 .07 2	0 .00	174 2.85 83	20 .42 12	4.0 .11 3	2.8 .05	.06 --	.2 --	162 177	150 8	18A 0.3		
04/25/73 1345	5050 5050	50E	9.5 90	56.0F 13.3C	7.9 280 337	42 2.10 59	12 .99 28	8.5 .37 10	2.8 .07 2	0 .00	171 2.80 80	24 .50 14	4.0 .11 3	4.4 .07	.00 --	.3 --	186 182	155 15	3A 0.3		
05/23/73 1300	5050 5050	75E	9.2 90	58.0F 14.4C	8.1 370 334	42 2.10 58	13 1.07 30	8.1 .35 10	2.8 .07 2	0 .00	179 2.93 82	23 .48 13	4.0 .11 3	3.0 .05	.02 --	.2 --	173 184	159 12	1A 0.3		
06/28/73 1300	5050 5050	80E	8.5 92	67.0F 19.4C	7.8 290 328	45 2.25 66	9.5 .78 23	7.7 .33 10	2.8 .07 2	0 .00	171 2.80 80	21 .44 13	4.0 .11 3	2.2 .04	.00 --	.2 --	195 176	152 12	2A 0.3		
07/27/73 1200	5050 5050	60E	7.2 80	69.0F 20.5C	7.7 290 319	42 2.10 61	11 .90 26	8.0 .35 10	2.9 .07 2	0 .00	174 2.85 82	23 .48 14	4.0 .11 3	2.7 .04	.00 --	.2 --	176 179	150 8	1A 0.3		
08/28/73 1230	5050 5050	70E	5.6 64	72.0F 22.2C	7.6 280 322	42 2.10 61	11 .90 26	8.8 .38 11	3.1 .08 2	0 .00	165 2.70 80	24 .50 15	5.0 .14 4	1.6 .03	.03 --	.3 --	152 177	150 15	3A 0.3		
09/27/73 1315	5050 5050	55E	8.6 97	71.0F 21.6C	8.1 290 328	39 1.95 58	11 .90 27	9.4 .41 12	3.3 .08 2	0 .00	167 2.74 81	25 .52 15	4.0 .11 3	.6 .01	.01 --	.5 --	141 174	143 6	2A 0.3		



TABLE D-2 (CONT.)

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN	MILLIGRAMS PER LITER						MILLIGRAMS PER LITER							
							PERCENT	RF	VALENTS	PER LITER	B	F	TDS	TH	TURB	REM				
							CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	SI02	SUN	NCH	SAR	
27 5100.00 RIO MONDO AT WHITTIER NARROWS																				
10/26/72	5050		3.9	60.0F	8.3	940	--	--	--	--	--	--	174	67	--	--	--	603	312	5A
0730	5050	3.3	39	15.5C									3.62	1.89						
12/01/72	5050		5.2	52.0F	7.7	.875	--	--	--	--	--	--	158	61	--	--	--	522	309	1A
0800	5050	3.1	47	11.1C									3.29	1.72						
12/29/72	5050		6.4	44.0F	7.7	1400	--	--	--	--	--	--	346	101	--	--	--	912	380	3A
0745	5050	3.2	52	6.7C									7.20	2.85						
02/02/73	5050		1.02	50.0F	7.7	1000	--	--	--	--	--	--	249	70	--	--	--	326	316	4A
0800	5050	5.0	59	10.0C									5.18	1.97						
02/27/73	5050		1.74	52.0F	7.8	290	--	--	--	--	--	--	33	10	--	--	--	164	133	21A
0730	5050	1.28	87	11.1C									.69	.28						
04/13/73	5050		1.33	59.0F	8.2	300	--	--	--	--	--	--	37	11	--	--	--	204	142	
0745	5050	5.6	94	15.0C									.77	.31						
04/25/73	5050		11.3	62.0F	8.2	725	--	--	--	--	--	--	145	55	--	--	--	515	288	8A
0740	5050	5.0	116	16.7C									3.02	1.55						
05/23/73	5050		0.71	62.0F	7.7	1450	--	--	--	--	--	--	298	140	--	--	--	900	360	2A
0830	5050	4.8	66	16.7C									6.20	3.95						
06/28/73	5050		0.75	68.0F	7.8	1050	--	--	--	--	--	--	201	104	--	--	--	709	304	3A
0700	5050	6.3	66	20.0C									4.18	2.93						
07/27/73	5050		0.72	69.0F	7.9	1180	--	--	--	--	--	--	289	106	--	--	--	858	292	3A
0700	5050	6.3	54	20.5C									6.02	2.99						
08/28/73	5050		0.71	64.0F	7.8	950	--	--	--	--	--	--	195	80	--	--	--	632	272	4A
0730	5050	6.0	52	17.8C									4.06	2.26						
09/27/73	5050		0.75	65.0F	7.7	1110	--	--	--	--	--	--	232	98	--	--	--	737	305	4A
0815	5050	5.2	69	18.3C									4.83	2.76						
77 5126.10 RIO MONDO RIVER AT POMONA FWY																				
10/18/72	1101		2.0	60.0F	8.0	882	76	21	79	9.0	0	258	138	66	16.4	--	--	532	277	2.1
0630	1101		20	15.5C			3.79	1.73	3.44	.23	.00	4.23	2.87	1.86	.26					
							41	19	37	3		46	31	20	3					
12/15/72	1101		7.7	45.0F			79	21	152	6.0	0	210	201	86	.3	--	--	749	282	3.9
0600	1101		64	7.2C		1210	3.94	1.73	6.61	.15	.00	3.44	6.27	2.43	.00					
							32	14	53	1		28	52	20						
01/15/73	1101		4.1	58.0F	8.1	1270	93	24	137	7.0	0	241	285	92	8.1	--	--	765	332	3.3
0630	1101		40	14.4C			4.64	1.97	5.96	.18	.00	3.95	5.93	2.59	.13					
							36	15	47	1		31	47	21	1					
02/20/73	1101		9.2	50.0F	7.7	241	24	6.0	12	3.0	0	86	23	15	9.2	--	--	134	85	0.6
0600	1101		81	10.0C			1.20	.49	.52	.08	.00	1.41	.48	.42	.15					
							52	21	23	3		57	20	17	6					
03/21/73	1101		3.5	47.0F	7.9	482	58	12	24	4.0	0	196	58	18	6.0	--	--	276	194	0.7
0515	1101		30	8.3C			2.89	.99	1.04	.10	.00	3.21	1.21	.51	.10					
							58	20	21	2		64	24	10	2					
04/19/73	1101		5.4	59.0F	7.7	992	90	23	76	4.0	0	242	172	71	6.7	--	--	562	320	1.9
0615	1101		53	15.0C			4.49	1.89	3.31	.10	.00	3.97	3.58	2.00	.11					
							46	19	34	1		41	37	21	1					
05/18/73	1101		3.1	65.0F			85	23	137	8.0	0	237	251	102	5.0	--	--	728	309	3.4
1101	1101		33	18.3C		1210	4.24	1.89	5.96	.20	.00	3.88	5.23	2.88	.08					
							34	15	48	2		32	43	24	1					
06/18/73	1101		5.3	65.0F	7.9	1020	80	26	97	5.0	0	182	255	78	.0	--	--	630	308	2.4
0515	1101		56	18.3C			3.99	2.14	4.22	.13	.00	2.98	5.31	2.20	.00					
							38	20	40	1		28	51	21						
08/15/73	1101		1.6	70.0F	8.0	1160	76	20	153	7.0	0	238	246	111	4.5	--	--	735	273	4.0
0600	1101		18	21.1C			3.79	1.64	6.66	.18	.00	3.90	1.12	3.13	.07					
							31	13	54	1		32	42	26	1					
09/20/73	1101		2.6	65.0F	7.9	1210	108	13	144	7.0	0	251	265	101	7.7	--	--	769	323	3.5
0640	1101		27	18.3C			5.39	1.07	6.26	.18	.00	4.11	5.52	2.85	.12					
							42	8	49	1		33	44	23	1					
77 7050.00 SAN JOSE CREEK AT WORKMAN MILL RD																				
03/21/73	1101		9.8	47.0F	8.1	1140	81	16	112	15	0	323	133	112	10.1	--	--	638	269	3.0
0800	1101		83	8.3C			4.04	1.32	4.87	.38	.00	5.29	2.77	3.16	.16					
							38	12	46	4		46	24	28	1					
04/19/73	1101		8.0		8.3	1180	86	18	115	10	0	329	147	116	10.9	--	--	665	290	2.9
1101	1101						4.29	1.48	5.00	.26	.00	5.39	3.06	3.27	.18					
							39	13	45	2		45	26	27	2					
05/18/73	1101		8.4	62.0F	8.2	1190	83	19	123	11	0	324	145	124	15.9	--	--	680	285	3.2
0805	1101		86	16.7C			4.14	1.56	5.35	.28	.00	5.31	3.02	3.50	.26					
							37	14	47	2		44	25	29	2					
06/18/73	1101		8.8	66.0F	8.2	1090	75	21	105	12	0	346	138	88	21.4	--	--	631	273	2.8
0845	1101		94	18.9C			3.74	1.73	4.57	.31	.00	5.67	2.87	2.48	.35					
							36	17	44	3		50	25	22	3					

TABLE D-2 (CONT)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER										MILLIGRAMS PER LITER				
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	PERCENT REACTANCE VALUF	A	F	TDS	TH	TURB
27 1050.00 SAN JOSE CREEK AT WORKMAN HILL RD						CONTINUED														
07/17/73	1101		4.5	64.0F		82	20	116	11	0	309	153	95	13.6	--	--		284		
0700	1101		47	17.8C	8.2	1106	4.09	1.64	5.05	.28	.00	5.06	3.19	2.68	.22		643	284	3.	
							37	15	46	3		45	29	24	7					
08/15/73	1101		4.3	66.0F		84	19	140	17	0	326	153	141	10.0	--	--		287		
0735	1101		46	18.9C	8.1	1240	4.19	1.56	6.09	.43	.00	5.34	3.19	3.98	.16		724	287	3.4	
							34	13	50	4		42	25	31	1					
09/20/73	1101		7.0	66.0F		83	20	110	11	0	250	188	95	29.0	--	--		292		
1035	1101		75	18.9C	7.9	1080	4.14	1.64	4.79	.28	.00	4.10	3.91	2.68	.47		659	292	2.9	
							38	15	44	3		37	35	24	4					
28 1060.10 SAM GABRIEL RIVER AT PACIFIC COAST HWY																				
10/18/72	1101		5.5	77.0F		427	1220	10330	381	0	140	2434	18700	.0	--	--		6880		
0730	1101		66	25.0C	7.9	50000	21.31100	33449.36	9.75	.00	2.29	54.84527.34	.00				31761	6880	57.4	
							4	17	77	2		9	90					5972		
12/15/72	1101		6.0	73.0F		390	1210	10500	382	0	151	2550	18700	.0	--	--		5950		
0640	1101		69	22.8C	8.0	50000	19.46	99.51456.75	9.77	.00	2.47	53.09527.34	.00				33808	5950	54.2	
							3	17	78	2		9	90					5830		
01/15/73	1101			72.0F		403	1250	10400	416	0	139	2700	19000	.0	--	--		6140		
0610	1101			22.2C	8.1	51500	20.11102	80452.4010.64	9.77	.00	2.28	56.21535.80	.00				34237	6140	57.7	
							3	18	77	2		9	90					6036		
02/20/73	1101		6.4	72.0F		394	1230	10400	402	0	139	2570	18600	.0	--	--		6070		
0730	1101		73	22.2C	7.8	48900	19.66101	16452.4010.28	9.77	.00	2.28	53.51524.52	.00				33664	6070	58.2	
							3	17	78	2		9	90					5932		
03/21/73	1101		5.7	72.0F		370	1140	10100	420	0	150	2350	18000	.0	--	--		5830		
0700	1101		65	22.2C	7.9	48700	18.46	93.75439.3510.74	9.77	.00	2.46	48.93507.60	.00				32454	5492	56.7	
							3	17	78	2		9	91							
04/19/73	1101		6.1	71.0F		412	1260	10400	397	0	133	2600	18800	.0	--	--		6220		
0645	1101		69	21.6C	7.2	48700	20.56103	62452.4010.16	9.77	.00	2.18	54.13530.16	.00				33934	6105	57.4	
							4	18	77	2		9	90							
05/18/73	1101		5.4			403	1270	10600	382	0	149	2590	18900	.0	--	--		6220		
0600	1101				8.0	50500	20.11104	44461.10	9.77	.00	2.44	53.92532.98	.00				34218	6110	58.4	
							3	18	77	2		9	90							
06/18/73	1101		5.5	77.0F		378	1270	10500	392	0	148	2680	18800	.0	--	--		6180		
0700	1101		66	25.0C	7.9	45500	18.86104	44456.7510.03	9.77	.00	2.43	55.80530.16	.00				34093	6048	58.2	
							3	18	77	2		9	90							
07/17/73	1101		5.1	82.0F		406	1220	10600	407	0	137	2580	18900	.0	--	--		6070		
0615	1101		64	27.8C	8.0	50500	20.26100	33461.1010.41	9.77	.00	2.25	53.72532.98	.00				34180	5922	59.4	
							3	17	78	2		9	90							
08/15/73	1101		5.0	78.0F		402	1220	10600	374	0	151	2540	18700	.0	--	--		6050		
0700	1101		61	25.5C	8.0	51000	20.06100	33461.10	9.57	.00	2.47	52.88527.34	.00				33910	5901	59.4	
							3	17	78	2		9	91							
09/20/73	1101		5.4	75.0F		465	1318	10273	369	0	144	2600	18830	.0	--	--		6770		
0700	1101		63	23.9C	8.0	50500	23.20108	39446.88	9.44	.00	2.36	54.13531.01	.00				33926	6467	55.1	
							4	18	76	2		9	90							
28 1165.10 COYOTE CREEK AT WILLOW STREET																				
10/04/72	1101		3.1	63.0F		--	--	--	--	--	--	--	190	10.6	--	--				
0610	1101		32	17.2C	7.8	1660							5.36	.17						
10/18/72	1101		4.6	63.0F		106	50	328	14	0	277	556	266	7.8	--	--		473		
	1101		48	17.2C	8.1	2250	5.29	4.11	14.27	.36	.00	4.54	11.58	7.50	.13		1464	243	6.6	
							22	17	59	1		19	49	32	1					
12/15/72	1101		6.7	41.0F		142	54	280	21	0	382	516	255	1.1	--	--		577		
0615	1101		52	5.0C	8.3	2300	7.09	4.44	12.18	.54	.00	6.26	10.74	7.19	.02		1457	264	5.1	
							29	18	50	2		26	44	30						
01/15/73	1101		4.1	55.0F		126	55	312	13	0	372	519	269	25.3	--	--		540		
0625	1101		39	12.8C	8.2	2380	6.29	4.52	13.57	.33	.00	6.10	10.81	7.59	.41		1502	236	5.8	
							25	18	55	1		24	43	30	2					
02/06/73	1101			54.0F		--	--	--	--	--	--	--	--	8.3	--	--				
0600	1101			12.2C	7.8	193								.13						
02/20/73	1101		8.3	53.0F		158	73	346	15	0	427	622	291	45.7	--	--		696		
0650	1101		76	11.7C	8.2	2710	7.88	6.00	15.05	.38	.00	7.00	12.95	8.21	.74		1761	344	5.7	
							27	20	51	1		24	45	28	3					
03/21/73	1101		8.6	49.0F		57	21	118	8.0	0	172	185	103	20.9	--	--		228		
0615	1101		75	9.4C	8.1	979	2.84	1.73	5.13	.20	.00	2.82	3.85	2.90	.34		597	88	3.4	
							29	17	52	2		28	39	29	3					
04/19/73	1101		5.8	55.0F		118	68	334	14	0	297	600	305	29.6	--	--		575		
0615	1101		55	12.8C	8.1	2600	5.89	5.59	14.53	.36	.00	4.87	12.49	8.60	.48		1615	331	6.1	
							22	21	55	1		18	47	33	2					
05/18/73	1101		5.1	65.0F		112	51	335	13	0	353	496	291	23.9	--	--		490		
0620	1101		54	18.3C	8.3	2360	5.59	4.19	14.57	.33	.00	5.79	10.33	8.21	.39		1495	200	6.6	
							23	17	59	1		23	42	33	2					
06/18/73	1101		4.7	63.0F		110	62	359	15	0	338	545	323	28.5	--	--		520		
0630	1101		49	17.2C	8.0	2540	5.49	5.10	15.62	.38	.00	5.54	11.35	9.11	.46		1609	253	6.8	
							21	19	59	1		21	43	34	2					
07/17/73	1101		6.9	71.0F		96	35	286	15	0	285	367	267	2.4	--	--		384		
0700	1101		78	21.6C	8.0	1950	4.79	2.88	12.44	.38	.00	4.67								

MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. DEPTH	00 SAT	TEMP	FIELD LABORATORY PM EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER										MILLIGRAMS PER LITER				
						CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	PERCENT	RF	TO5	IM	TURB	REM
28 1165.10 COYOTE CREEK AT WILLOW STREET						CONTINUED														
09/20/73	1101		4.7	69.0F		112	37	310	14	0	335	458	254	29.6	--	--		434		
0615	1101		52	20.5C	8.1 2150	5.59	3.04	13.49	.36	.00	5.49	9.54	7.16	.48	--	--	1379	157	6.5	
28 1225.10 SAN GABRIEL RIVER AT WILLOW STREET																				
10/04/72	1101		6.7	75.0F		--	--	--	--	--	--	--	196	33.2	--	--				
0600	1101		79	23.9C	7.6 1340								5.53	.54	--	--				
10/10/72	1101		6.0			97	10	177	15	0	331	151	165	15.0	--	--		284		
0615	1101				8.2 1310	4.84	.02	7.70	.38	.00	5.43	3.14	4.65	.24	--	--	793	12	4.6	
12/15/72	1101		6.4	60.0F		75	12	179	14	0	346	173	166	.4	--	--		238		
0600	1101		64	15.5C	8.0 1430	3.74	.99	7.79	.36	.00	5.70	3.60	4.74	.01	--	--	793	0	5.1	S
01/15/73	1101		7.2	64.0F		75	16	190	18	0	269	255	163	10.3	--	--		253		
0615	1101		75	17.0C	8.2 1550	3.74	1.32	8.27	.46	.00	4.74	5.31	4.60	.17	--	--	869	16	5.2	S
02/06/73	1101			59.0F		--	--	--	--	--	--	--	--	21.4	--	--				
0615	1101			15.0C	7.6 485									.35	--	--				
02/20/73	1101		4.5	64.0F		71	20	200	18	0	325	163	183	16.0	--	--		258		
0640	1101		47	17.0C	8.0 1610	3.54	1.64	8.70	.46	.00	5.33	3.39	5.16	.29	--	--	833	8	5.4	
03/21/73	1101		7.1	59.0F		65	17	173	15	0	310	116	140	4.9	--	--		232		
0600	1101		70	15.0C	7.9 1300	3.24	1.40	7.53	.38	.00	5.08	2.42	5.08	.08	--	--	723	0	4.9	
04/19/73	1101		6.2	65.0F		75	17	190	16	0	329	166	199	3.3	--	--		257		
0600	1101		66	18.3C	7.9 1600	3.74	1.40	8.27	.41	.00	5.39	3.46	5.61	.05	--	--	828	0	5.2	
05/18/73	1101		7.4	70.0F		71	18	176	16	0	319	169	179	3.4	--	--		252		
0600	1101		83	21.1C	8.3 1400	3.54	1.48	7.66	.41	.00	5.23	3.52	5.05	.05	--	--	769	0	4.8	S
06/10/73	1101		6.5	66.0F		75	20	177	18	0	257	224	167	--	--	--		269		
0610	1101		69	18.9C	8.0 1370	3.74	1.64	7.70	.46	.00	4.21	4.66	4.71		--	--	807	59	4.7	
07/17/73	1101		4.5	73.0F		103	4.0	243	18	0	298	218	246	20.0	--	--		273		
0650	1101		52	22.8C	8.1 1360	5.14	.33	10.57	.46	.00	4.88	4.54	6.94	.32	--	--	999	30	6.4	C
08/15/73	1101		6.9	67.0F		92	10	225	16	0	313	236	203	5.4	--	--		273		
0600	1101		75	19.4C	8.2 1570	4.59	.82	9.79	.41	.00	5.13	4.91	5.72	.09	--	--	941	14	5.9	
09/20/73	1101		7.2	73.0F		68	22	195	18	0	311	190	184	5.3	--	--		260		
0610	1101		83	22.8C	8.1 1380	3.39	1.81	8.48	.46	.00	5.10	3.96	5.19	.09	--	--	835	6	5.1	
28 1276.10 COYOTE CREEK AT DEL AMO BLVO																				
10/18/72	1101		13.7	56.0F		103	40	280	9.0	72	19	524	248	15.1	--	--		424		
	1101		130	13.3C	10.0 2050	5.14	3.29	12.18	.23	2.40	.31	10.95	6.90	.24	--	--	1102	244		
11/15/72	1101		5.4	48.0F		164	56	187	8.0	35	253	430	231	3.6	--	--		642		
0715	1101		51	8.9C	8.7 2040	8.18	4.61	8.13	.70	1.17	4.15	9.14	6.51	.06	--	--	248	374		
11/15/72	1101		7.7	54.0F		128	56	270	14	10	283	517	254	21.0	--	--		5		
0600	1101		34	12.2C	8.4 2200	6.39	4.61	11.75	.36	.77	4.64	10.74	7.14	.30	--	--	1422			
02/20/73	1101		8.1	52.0F		132	54	194	27	0	545	408	352	57.7	--	--		55		
055	1101		73	11.1C	8.2 2820	6.59	4.44	17.14	.69	.00	5.93	9.49	9.93	.93	--	--	1843	106		
04/21/73	1101		9.9	48.0F		55	21	112	6.0	0	167	189	90	17.0	--	--		221		
0620	1101		85	8.9C	8.2 1010	2.74	1.73	4.87	.15	.00	2.74	3.97	2.54	.27	--	--	221	27		
04/19/73	1101		5.8	55.0F		143	76	417	10	0	356	406	416	46.0	--	--		474		
0600	1101		55	12.9C	8.1 3130	7.14	6.25	18.14	.26	.00	5.83	12.62	11.73	.71	--	--	1487	374		
05/18/73	1101		5.9	60.0F		210	93	463	23	0	482	496	707	39.5	--	--		907		
0600	1101		59	15.5C	8.3 3720	10.48	7.65	20.14	.59	.00	7.90	10.33	19.94	.64	--	--	2264	51		
06/18/73	1101		13.4	72.0F		120	72	332	8.0	31	320	413	292	21.4	--	--		600		
0450	1101		153	22.2C	8.5 2390	5.99	5.92	14.44	.20	1.03	5.24	12.76	8.23	.35	--	--	1647	82	5.1	
07/17/73	1101		3.4	67.0F		120	65	315	11	0	332	547	294	20.3	--	--		644		
0945	1101		37	19.4C	8.2 2480	5.99	5.35	13.70	.28	.00	5.44	11.39	8.29	.33	--	--	1576	290	5.8	
08/15/73	1101		3.2	67.0F		163	73	348	7.0	0	379	447	462	22.6	--	--		704		
0600	1101		35	19.4C	8.2 2840	8.13	6.00	15.14	.18	.00	6.21	9.31	13.03	.36	--	--	1709	344	5.1	
09/20/73	1101		4.8	66.0F		141	67	245	8.0	0	354	510	247	33.1	--	--		624		
0920	1101		51	18.9C	8.2 2150	7.04	5.51	10.66	.20	.00	5.80	10.62	6.97	.53	--	--	1425	134	4.1	



TABLE D-2 (CONT)

## MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. Q DEPTH	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUF				MILLIGRAMS PER LITER					REM				
						CA	MG	NA	K	CO <sub>3</sub>	HCO <sub>3</sub>	SO <sub>4</sub>	CL	NO <sub>3</sub>	R	F	TDS SUM	7M NCH	TURB SAR						
																				CO <sub>3</sub>		HCO <sub>3</sub>	SO <sub>4</sub>	CL	NO <sub>3</sub>
Z8		1326.10	COYOTE CREEK AT VALLEY VIEW AVE																						
10/18/72	1101		9.8	59.0F			54	10	116	4.0	43	12	181	115	.0	--	--		174						
	1101		97	15.0C	9.7	891	2.69	.82	5.05	.10	1.43	.20	3.77	3.24	.00	--	--	529	94	3.8					
							31	9	58	1	17	2	44	38											
12/28/72	1101		8.3	49.0F			161	67	154	5.0	16	231	561	148	3.0	--	--		679						
	1101		72	9.4C	8.5	1970	8.03	5.51	6.70	.13	.53	3.79	11.68	4.17	.05	--	--	1229	461	2.6					
							39	27	33	1	3	19	58	21											
01/15/73	1101		4.6	54.0F			88	23	138	5.0	42	--	224	227	6.1	--	--		312						
	1101		43	12.2C	9.4	1280	4.39	1.89	6.00	.13	1.40	--	4.66	6.40	.10	--	--								
							35	15	48	1															
02/20/73	1101		9.8	50.0F			137	55	200	6.0	0	353	302	253	42.0	--	--		570						
	1101		87	10.0C	8.2	2000	6.84	4.52	8.70	.15	.00	5.79	6.29	7.13	.68	--	--	1169	279	3.7					
							34	22	43	1		29	32	36	3										
03/21/73	1101		11.0	46.0F			68	21	69	5.0	0	210	128	71	12.9	--	--		255						
	1101		92	7.8C	8.2	870	3.39	1.73	3.00	.13	.00	3.44	2.66	2.00	.21	--	--	478	84	1.9					
							41	21	36	2		41	32	24	3										
04/19/73	1101		5.2	54.0F			119	56	180	6.0	0	261	236	277	71.2	--	--		529						
	1101		48	12.2C	8.0	1920	5.94	4.61	7.83	.15	.00	4.28	4.91	7.81	1.15	--	--	1074	314	3.4					
							32	25	42	1		24	27	43	6										
05/18/73	1101		5.9	61.0F			89	52	147	10	0	289	258	166	38.8	--	--		439						
	1101		60	16.1C	8.3	1520	4.44	4.28	6.39	.26	.00	4.74	5.37	4.68	.63	--	--	903	199	3.1					
							29	28	42	2		31	35	30	4										
06/18/73	1101		8.3	70.0F			98	52	192	6.0	17	213	244	293	33.6	--	--		460						
	1101		93	21.1C	8.5	1710	4.89	4.28	8.35	.15	.57	3.49	5.08	8.26	.54	--	--	1040	256	3.9					
							28	24	47	1	3	19	28	46	3										
07/17/73	1101		3.5	64.0F			77	58	151	8.0	0	268	270	173	34.5	--	--		432						
	1101		37	17.8C	8.2	1500	3.84	4.77	6.57	.20	.00	4.39	5.62	4.88	.56	--	--	903	211	3.2					
							25	31	43	1		28	36	32	4										
08/15/73	1101		4.2	66.0F			124	41	140	7.0	0	285	255	166	48.2	--	--		481						
	1101		45	18.9C	8.2	1470	6.19	3.37	6.09	.18	.00	4.67	5.31	4.68	.78	--	--	921	245	2.8					
							39	21	38	1		30	34	30	5										
09/20/73	1101		7.5	66.0F			115	52	145	5.0	27	227	248	203	57.8	--	--		504						
	1101		80	18.9C	8.4	1560	5.74	4.28	6.31	.13	.90	3.72	5.16	5.72	.93	--	--	964	270	2.8					
							35	26	38	1	5	23	31	35	6										
Z8		1427.10	COYOTE CREEK NORTH FORK AT LEFFINGWELL RD																						
10/18/72	1101		10.5	55.0F			119	38	156	7.0	28	207	304	186	21.4	--	--		454						
	1101		99	12.8C	8.7	1520	5.94	3.13	6.79	.18	.93	3.39	6.33	5.25	.35	--	--	961	238	3.2					
							37	20	42	1	6	21	39	32	2										
12/15/72	1101		10.7	43.0F			171	57	174	4.0	0	361	409	214	1.0	--	--		662						
	1101		86	6.1C	8.1	2030	8.53	4.69	7.57	.10	.00	5.92	8.52	6.03	.02	--	--	1208	365	2.9					
							41	22	36			29	42	29											
01/15/73	1101		4.4	52.0F			147	47	147	5.0	0	321	208	210	33.1	--	--		560						
	1101		40	11.7C	8.2	1750	7.34	3.87	6.39	.13	.00	5.26	6.41	5.92	.53	--	--	1055	298	2.7					
							41	22	36	1		29	35	33	3										
02/20/73	1101		0.0	53.0F			179	61	182	4.0	0	365	433	212	49.6	--	--		700						
	1101			11.7C	8.0	2120	8.93	5.02	7.92	.10	.00	5.98	9.02	5.98	.80	--	--	1300	399	3.0					
							41	23	36			27	41	27	4										
03/21/73	1101		10.0	52.0F			93	24	80	6.0	0	192	199	98	22.2	--	--		332						
	1101		91	11.1C	7.7	971	4.64	1.97	3.48	.15	.00	3.15	4.14	2.76	.36	--	--	617	173	1.9					
							45	19	34	1		30	40	27	3										
04/19/73	1101		8.4	62.0F			160	58	215	5.0	0	280	422	271	46.0	--	.2		636						
	1101		86	16.7C	8.1	2110	7.98	4.77	9.35	.13	.00	4.59	8.79	7.64	.74	--	--	1315	408	3.7					
							36	21	42	1		21	40	35	3										
05/18/73	1101		8.8	62.0F			205	227	1850	62	0	333	590	3350	5.1	--	.0		1440						
	1101		90	16.7C	8.0	1630	10.23	18.67	80.48	1.59	.00	5.46	12.28	94.47	.08	--	--	6453	1173	21.2	C				
							9	17	73	1		5	11	84											
06/18/73	1101		13.1	74.0F			104	46	208	8.0	43	115	338	274	10.3	--	--		450						
	1101		152	23.3C	9.0	1730	5.19	3.78	9.05	.20	1.43	1.88	7.04	7.73	.17	--	--	1088	283	4.3					
							28	21	50	1	8	10	39	42	1										
07/17/73	1101		3.5	70.0F			118	44	158	8.0	0	255	313	204	19.0	--	--		479						
	1101		39	21.1C	8.0	1630	5.89	3.62	6.87	.20	.00	4.18	6.52	5.75	.31	--	--	989	267	3.2					
							36	22	41	1		25	39	34	2										
08/15/73	1101		10.5	71.0F			127	46	165	6.0	0	294	365	169	6.9	--	--		509						
	1101		118	21.6C	8.3	1600	6.34	3.78	7.18																

TABLE D-2 (CONT)

MINERAL ANALYSES OF SURFACE WATER																							
DATE TIME	SAMPLER LAB	G.M. DEPTH	DO SAT	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN							MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				TURB SAR	REM
							CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	8	F	TDS SUM	TH MCM				
Z8 1700.00 SAN GABRIEL RIVER AT THE HEADWORKS CONTINUED																							
07/17/73	1101		9.3				83	29	110	6.0	0	163	281	95	6.3				328				
	1101				8.3	1090	4.14	2.38	4.79	.15	.00	2.67	5.85	2.68	.10			690	193	2.6			
							36	21	42	1		24	52	24	1								
08/15/73	1101		7.4	72.0F			75	22	137	11	0	244	190	127	2.8				279				
0800	1101		8.4	22.2C	8.0	1230	3.74	1.81	5.96	.28	.00	4.00	3.96	3.58	.05			685	78	3.6			
							32	15	51	2		35	34	31									
09/17/73	1101		7.9	67.0F			97	21	109	6.0	0	164	280	103	5.3				326				
0850	1101		8.5	19.4C	7.9	1070	4.84	1.73	4.74	.15	.00	2.69	5.83	2.90	.09			702	194	2.6			
							42	15	41	1		23	51	25	1								
Z8 1780.00 SAN GABRIEL RIVER AT BEVERLY BLVD																							
12/15/72	1101		10.4	45.0F			85	29	113	6.0	0	179	289	101	.0				330				
	1101		8.6	7.2C	8.2	1220	4.24	2.38	4.92	.15	.00	2.93	6.02	2.85	.00			711	185	2.7			
							36	20	42	1		25	51	24									
01/15/73	1101		8.5	53.0F			88	29	103	7.0	0	173	292	98	8.1				341				
0715	1101		7.8	11.7C	7.9	1210	4.39	2.38	4.48	.18	.00	2.84	6.08	2.76	.13			710	197	2.4			
							38	21	39	2		24	51	23	1								
02/20/73	1101		8.3	52.0F			62	15	44	8.0	0	233	73	44	11.4				215				
	1101		7.5	11.1C	8.1	656	3.09	1.23	1.91	.20	.00	3.82	1.52	1.24	.18			372	25	1.3			
							48	19	30	3		57	27	18	3								
03/21/73	1101		6.3	51.0F			54	11	46	16	0	161	87	50	7.8				193				
0540	1101		5.6	10.5C	7.7	608	2.69	.90	2.00	.41	.00	2.64	1.81	1.41	.13			351	48	1.5			
							45	15	33	7		44	30	24	2								
04/19/73	1101		8.4	51.0F			77	24	110	8.0	0	209	225	94	10.2				280				
0710	1101		8.5	16.1C	7.8	1100	3.84	1.97	4.79	.20	.00	3.43	4.68	2.65	.16			651	119	2.4			
							36	18	44	2		31	43	24	1								
05/18/73	1101		7.9	63.0F			87	29	107	6.0	0	176	276	95	8.7				338				
0715	1101		8.2	17.2C	8.2	1170	4.34	2.38	4.65	.15	.00	2.88	5.75	2.68	.14			695	192	2.5			
							38	21	40	1		25	50	23	1								
06/18/73	1101		7.1	63.0F			90	30	112	6.0	0	189	291	95	6.9				348				
0530	1101		7.3	17.2C	8.1	1140	4.49	2.47	4.87	.15	.00	3.10	6.06	2.68	.11			724	193	2.6			
							37	21	41	1		26	51	22	1								
07/17/73	1101		6.5	63.0F			77	31	110	5.0	11	116	290	94	4.6				321				
0600	1101		6.7	17.2C	8.6	1140	3.84	2.55	4.79	.13	.37	1.90	6.04	2.65	.07			680	206	2.7			
							34	23	42	1	3	17	55	24	1								
09/20/73	1101		6.6	67.0F			87	30	111	6.0	0	176	280	98	8.0				342				
0710	1101		7.1	19.4C	8.0	1100	4.34	2.47	4.83	.15	.00	2.88	5.83	2.76	.13			707	197	2.6			
							37	21	41	1		25	50	24	1								
Z8 5170.00 RIO HONDO RIVER NEAR DOWNEY																							
10/18/72	1101		59.0F				69	21	132	9.0	0	252	191	112	.0				261				
0745	1101		15.0C		8.2	1140	3.44	1.73	5.74	.23	.00	4.13	3.98	3.16	.00			658	52	3.6			
							31	16	52	2		37	35	28									
01/15/73	1101		8.5	56.0F			82	24	150	10	7.0	195	229	175	.0				305				
0745	1101		8.1	13.3C	8.4	1340	4.09	1.97	6.53	.26	.23	3.20	4.77	4.94	.00			773	132	3.7			
							32	15	51	2	2	24	36	38									
02/20/73	1101		11.6	48.0F			69	20	89	6.0	13	148	182	86	.0				256				
0800	1101		10.0	8.9C	8.4	965	3.44	1.64	3.87	.15	.43	2.43	3.79	2.43	.00			538	111	2.4			
							38	18	43	2	5	27	42	27									
03/21/73	1101		10.1	42.0F			52	11	71	6.0	0	132	84	96	.0				175				
0630	1101		8.0	5.6C	8.0	740	2.59	.90	3.09	.15	.00	2.16	1.75	2.71	.00			385	67	2.3			
							38	13	46	2		33	26	41									
04/19/73	1101		11.5	60.0F			59	22	205	9.0	0	172	281	163	1.5				237				
	1101		11.5	15.5C	8.2	1460	2.94	1.81	8.92	.23	.00	2.82	5.85	4.60	.02			825	97	4.8			
							21	13	64	2		21	44	35									
05/18/73	1101		5.8	63.0F			114	35	174	12	0	278	347	156	.0				431				
	1101		6.0	17.2C	8.2	1620	5.69	2.88	7.57	.31	.00	4.56	7.22	4.40	.00			975	201	3.7			
							35	18	46	2		28	45	27									
06/18/73	1101		4.5	61.0F			124	13	247	19	0	293	360	220	.0				365				
0630	1101		4.5	16.1C	8.1	1840	6.19	1.07	10.74	.49	.00	4.80	7.50	6.20	.00			1127	123	5.6			
							33	6	58	3		26	41	34									
07/17/73	1101		4.8	59.0F			115	14	70	9.0	0	235	195	76	7.1				345				
0645	1101		4.7	15.0C	8.3	996	5.74	1.15	3.05	.23	.00	3.85	4.06	2.14	.11			602	152	1.6			
							56	11	30	2		38	40	21	1								
08/15/73	1101		11.4	68.0F			110	23	63	4.0	8.0	208	198	84	15.7				372				
0730	1101		12.5	20.0C	8.4	967	5.49	1.89	2.74	.10	.27	3.41	4.12	2.37	.25			608	185	1.4			
							54	18	27	1	3	33	40	23	2								
09/20/73	1101		7.7	62.0F			138	34	224	18	0	321	387	216	.0				484				
0745	1101		7.9	16.7C	8.3	1850	6.89	2.80	9.74	.46	.00	5.26	8.06	6.09	.00			1175	227	4.4			
							35	14	49	2		27	42	31									

TABLE D-3

MINOR ELEMENT ANALYSES OF SURFACE WATER

The constituents are as follows:

Arsenic	Iron
Barium	Manganese
Cadmium	Mercury
Chromium	Lead
Chromium Hexavalent	Selenium
Copper	Silver
	Zinc

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
DEPTH	- Depth in feet at which sample was collected
DISCH	- Instantaneous discharge in cubic feet per second
EC	- Electrical conductance in micromhos at 25° Celsius
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) and Celsius (C)
pH	- Measure of acidity or alkalinity of water
D	- Dissolved
T	- Total

The Lab and Sampler codes are as follows:

1101	- Los Angeles County Flood Control District
4412	- The Metropolitan Water District of Southern California
5000	- United States Geological Survey
5050	- Department of Water Resources
5229	- City of San Diego Water Department
5239	- Long Beach Health Department
5411	- United Water Conservation District
5867	- Fruit Growers Laboratory



## MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER						LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
					ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON						
V2 1882.50 TWIN LAKES AT OUTLET BELOW DAM, STATION NO. 3														
10/11/72	5050		7 E	42 F					0.00	T	0.00	T	--	--
1045	5050	0		7.7	0.00	T	0.00	T	0.73	T	0.05	T	--	0.08 T
V2 1883.00 LAKE MAMIE AT OUTLET ABOVE DAM														
10/11/72	5050		5 E	44 F					0.00	T	0.01	T	--	--
1015	5050	0		6.9	0.00	T	0.00	T	0.42	T	0.11	T	--	0.02 T
V2 1884.00 LAKE MARY AT OUTLET BELOW DAM														
10/10/72	5050		1.5	46 F					0.03	T	0.00	T	--	--
1435	5050	0		7.0	0.00	T	0.00	T	0.34	T	0.15	T	--	0.01 T
V2 1884.05 LAKE GEORGE AT END OF BOAT DOCK														
10/10/72	5050			48 F					0.02	T	0.01	T	--	--
1410	5050			7.0	0.00	T	0.00	T	0.16	T	0.05	T	--	0.06 T
V2 1884.10 LAKE GEORGE OVERFLOW NEAR LAKE MARY														
10/10/72	5050		1 E	45 F					0.03	T	0.00	T	--	--
1500	5050	0		7.0	0.00	T	0.00	T	0.23	T	0.09	T	--	0.04 T
V2 1884.35 COLD WATER CREEK AT LAKE MARY														
10/10/72	5050		1 E	40 F					0.02	T	0.10	T	--	--
1525	5050	0		7.0	0.00	T	0.00	T	0.19	T	0.01	T	--	0.10 T
V2 1884.40 MAMMOTH CREEK AT LAKE MARY														
10/10/72	5050		0.5	41 F					0.02	T	0.00	T	--	--
1545	5050	0		6.9	0.00	T	0.00	T	0.2A	T	0.01	T	--	0.02 T
V9 1620.00 MOJAVE RIVER NEAR VICTORVILLE														
05/29/73	5050			93.0F		0.1 D	0.00 D		0.00 D		0.01 D		0.0000 T	0.00 D
1430	5050				0.00 D	0.00 D	-- D		0.04 D		0.00 D		0.00 D	0.00 D
V9 2095.00 MOJAVE RIVER BL FORKS RES NR HESPERIA														
05/29/73	5050		40 E	75.0F		0.0 D	0.00 D	0.00 D	0.00 D		0.01 D		0.0001 T	0.00 D
1600	5050				0.00 D	0.00 D	-- D		0.04 D		0.00 D		0.00 D	0.00 D
W2 1560.00 COLORADO RIVER NEAR TOPOCK														
10/02/72	5000		11210						0.010	D				
0900					--	--	--	--						
11/01/72	5000		8790						0.030	D				
0920					--	--	--	--						
12/01/72	5000		8500	13.0C					0.070	D				
1210					--	--	--	--						
01/04/73	5000		10480	9.5C					0.009	D				
1130					--	--	--	--						
03/01/73	5000		10460						0.009	D				
1220					--	--	--	--						
04/02/73	5000		9240						0.009	D				
1015					--	--	--	--						
05/01/73	5000		14900	14.0C					0.009	D				
0915					--	--	--	--						
06/14/73	5000		14250	16.0C					0.009	D				
1050					--	--	--	--						
07/03/73	5000		17370						0.010	D				
1700					--	--	--	--						
08/01/73	5000		17540	19.0C					0.020	D				
1100					--	--	--	--						
09/04/73	5000		12920	20.0C					0.000	D				
1130					--	--	--	--						
W2 1775.10 COLORADO RIVER BELOW PARKER DAM														
10/01/72	5000		9310						0.020	D				
0815					--	--	--	--						
11/05/72	5000		9300						0.020	D				
1700					--	--	--	--						
12/03/72	5000		4410						0.020	D				
1100					--	--	--	--						
01/07/73	5000		8830						0.020	D				
1115					--	--	--	--						
02/04/73	5000		9310						0.009	D				
0945					--	--	--	--						
04/01/73	5000		16160						0.009	D				
0845					--	--	--	--						
05/06/73	5000		18200						0.020	D				
1130					--	--	--	--						
06/03/73	5000		9000						0.009	D				
0900					--	--	--	--						
08/05/73	5000		15900						0.000	D				
0910					--	--	--	--						

TABLE D-3 (CONT.)

## MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	CONSTITUENTS				IN MILLIGRAMS PER LITER		LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
					ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (MEX)	COPPER IRON						
W2 1975.00 COLORADO R. INDIAN RES. MAIN CANAL NEAR PARKER														
10/02/72	5000	1155							0.010	D				
11/06/72	5000	1240							0.010	D				
12/04/72	5000	1240		14.5C					0.009	D				
02/12/73	5000	1350		11.0C					0.009	D				
03/05/73	5000	1110							0.009	O				
04/02/73	5000	1000		16.0C					0.009	D				
04/30/73	5000	1305	1230	18.5C					0.070	D				
06/04/73	5000	0915		23.0C					0.020	D				
07/02/73	5000	0920		23.5C					0.010	D				
07/30/73	5000	0920	1250	24.0C					0.010	O				
09/04/73	5000	1010		24.5C					0.000	O				
W2 1985.05 COLORADO R. AQUEDUCT UPPER FEEDER AT LA VERNE														
12/00/72	4412			57.0F					0.15	T				
06/00/73	4412			67.0F					0.04	T				
W3 1450.00 WHITEWATER RIVER NEAR WHITEWATER														
05/30/73	5050	1030	5050	73.0F	0.00	D	0.0	D	0.00	O	0.01	D	0.01	D
							0.00	D			0.03	D	0.00	D
W7 1400.00 COLORADO RIVER BELOW CIBOLA VALLEY														
10/02/72	5000	0800							0.010	D				
11/06/72	5000	0900							0.010	D				
12/04/72	5000	0900							0.009	D				
01/02/73	5000	0930	7480						0.009	O				
02/11/73	5000	0935	6800	11.5C					0.009	O				
03/05/73	5000	1400	8590	15.0C					0.009	D				
04/02/73	5000	1740		14.5C					0.030	D				
04/30/73	5000	0835	10700	20.0C					0.009	D				
06/04/73	5000	1300	7130	26.0C					0.009	D				
07/30/73	5000	1300	11500	26.0C					0.010	D				
09/04/73	5000	1315	4660	26.5C					0.010	D				
W7 1600.00 COLORADO RIVER AT IMPERIAL DAM														
10/11/72	5000	3650							0.010	D				
10/18/72	5000	3560							0.020	O				
10/25/72	5000	3390							0.040	D				
11/01/72	5000	5430							0.020	O				
11/08/72	5000	6330							0.010	D				
11/22/72	5000	3330							1.200	O				
12/06/72	5000	6070							0.020	O				
12/13/72	5000	6670							0.009	O				
12/20/72	5000	6080							0.009	O				

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## MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PM	CONSTITUENTS IN MILLIGRAMS PER LITER				LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM	
					ARSENIC	BARIUM CADMIUM	CHRDN (ALL) CHRDN (MEX)	COPPER IRON					
			WT 1600.00	COLORADO RIVER AT IMPERIAL DAM								CONTINUED	
01/03/73	5000		7210		--	--	--	0.009 D	--	--	--		
01/10/73	5000		7220		--	--	--	0.009 D	--	--	--		
02/10/73	5000		5320		--	--	--	0.009 D	--	--	--		
02/20/73	5000		5900		--	--	--	0.009 D	--	--	--		
03/01/73	5000		6430		--	--	--	0.009 D	--	--	--		
03/10/73	5000		8160		--	--	--	0.009 D	--	--	--		
03/20/73	5000		8630		--	--	--	0.009 D	--	--	--		
03/30/73	5000		11440		--	--	--	0.020 D	--	--	--		
04/10/73	5000		11720		--	--	--	0.009 D	--	--	--		
04/20/73	5000		11000	19.0C	--	--	--	0.009 D	--	--	--		
04/30/73	5000		10260		--	--	--	0.000 D	--	--	--		
05/10/73	5000		9888		--	--	--	0.020 D	--	--	--		
05/20/73	5000		8397		--	--	--	0.009 D	--	--	--		
05/31/73	5050 0630 5050			78.0F	0.00 D	0.1 D 0.00 D	0.00 D	0.00 D 0.00 D	0.01 D 0.00 D	0.0000 T 0.00 D	0.00 D 0.01 D	D D	
06/01/73	5000		8290		--	--	--	0.009 D	--	--	--		
06/11/73	5000		9010		--	--	--	0.009 D	--	--	--		
06/20/73	5000		8650		--	--	--	0.009 D	--	--	--		
06/30/73	5000		9410		--	--	--	0.010 D	--	--	--		
07/30/73	5000		10730		--	--	--	0.020 D	--	--	--		
08/10/73	5000		10240		--	--	--	0.010 D	--	--	--		
08/20/73	5000		8910		--	--	--	0.020 D	--	--	--		
			WT 1905.00	PALO VERDE CANAL NEAR BLYTHE									
10/02/72	5000 1025		1190	22.0C	--	--	--	0.010 D	--	--	--		
11/06/72	5000 1100				--	--	--	0.010 D	--	--	--		
12/04/72	5000 1110			14.0C	--	--	--	0.020 D	--	--	--		
02/12/73	5000 1145		806	11.5C	--	--	--	0.009 D	--	--	--		
03/05/73	5000 0850		1150	13.0C	--	--	--	0.009 D	--	--	--		
04/02/73	5000 0840			14.5C	--	--	--	0.009 D	--	--	--		
04/30/73	5000 1100		1990	19.5C	--	--	--	0.040 D	--	--	--		
06/04/73	5000 0730			23.5C	--	--	--	0.009 D	--	--	--		
07/02/73	5000 0700		1840	24.5C	--	--	--	0.000 D	--	--	--		
07/30/73	5000 0705		1870	25.5C	--	--	--	0.020 D	--	--	--		
09/04/73	5000 0745			24.0C	--	--	--	0.010 D	--	--	--		
			WT 2205.10	ROSE DRAIN AT THE ALAMO RIVER									
05/30/73	5050 1430 5050			84.0F	0.00 D	0.1 D 0.00 D	0.00 D	0.01 D 0.02 D	0.01 D 0.11 D	0.0001 T 0.00 D	0.00 D 0.02 D	D D	

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TABLE D-3 (CONT.)

## MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	O15CM EC	TEMP PM	CONSTITUENTS IN MILLIGRAMS PER LITER									
					ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM		
		W9	2250.10	CENTRAL DRAIN AT THE ALAMO RIVER										
05/30/73	5050			84.0F	0.00 D	0.0 D	0.00 D	0.01 D	0.01 D	0.0001 T	0.00 D			
1630	5050							0.02 D	0.16 D	0.00 D	0.01 D			
		X2	1350.00	SANTA MARGARITA RIVER NEAR FALLBROOK										
05/31/73	5050			65.0F	0.00 D	0.0 D	0.00 D	0.00 D	0.00 D	.0001 T	0.00 D			
1230	5050							0.01 D	0.15 D	0.00 D	0.00 D			
		X4	1200.00	SAN DIEGUITO RIVER AT LAKE HODGES										
10/03/72	5229				--	--	--	--	--	--	--	--		
	5229							0.03 T	0.41 T	--	--	--		
11/07/72	5229				--	--	--	--	--	--	--	--		
	5229							0.03 T	1.8 T	--	--	--		
12/05/72	5229				--	--	--	--	--	--	--	--		
	5229							0.01 T	0.08 T	--	--	--		
01/05/73	5229				--	--	--	--	--	--	--	--		
	5229							0.02 T	0.0 T	--	--	--		
02/06/73	5229				--	--	--	--	--	--	--	--		
	5229							0.02 T	0.01 T	--	--	--		
03/06/73	5229				--	--	--	--	--	--	--	--		
	5229							0.02 T	0.01 T	--	--	--		
04/03/73	5229				--	--	--	--	--	--	--	--		
	5229							0.06 T	0.01 T	--	--	--		
05/08/73	5229				--	--	--	--	--	--	--	--		
	5229							0.03 T	0.02 T	--	--	--		
06/05/73	5229				--	--	--	--	--	--	--	--		
	5229							0.04 T	0.01 T	--	--	--		
07/13/73	5229				--	--	--	--	--	--	--	--		
	5229							0.01 T	0.01 T	--	--	--		
08/07/73	5229				--	--	--	--	--	--	--	--		
	5229							0.03 T	0.02 T	--	--	--		
09/11/73	5229				--	--	--	--	--	--	--	--		
	5229							0.03 T	0.08 T	--	--	--		
		X4	2500.00	SANTA YSABEL CREEK AT SUTHERLAND DAM										
11/07/72	5229				--	--	--	--	--	--	--	--		
	5229							0.02 T	0.07 T	--	--	--		
05/15/73	5229				--	--	--	--	--	--	--	--		
	5229							0.01 T	0.02 T	--	--	--		
		X5	1160.00	ALVARADO CANYON AT MURRAY DAM										
10/31/72	5229				--	--	--	--	--	--	--	--		
	5229							0.03 T	0.07 T	--	--	--		
05/01/73	5229				--	--	--	--	--	--	--	--		
	5229							0.01 T	0.01 T	--	--	--		
08/03/73	5229				--	--	--	--	--	--	--	--		
	5229							0.02 T	0.01 T	--	--	--		
		X5	1320.00	SAN VICENTE CREEK AT SAN VICENTE DAM										
01/02/73	5229				--	--	--	--	--	--	--	--		
	5229							0.02 T	0.0 T	--	--	--		
03/27/73	5229				--	--	--	--	--	--	--	--		
	5229							0.03 T	0.0 T	--	--	--		
07/02/73	5229				--	--	--	--	--	--	--	--		
	5229							0.02 T	0.0 T	--	--	--		
		X5	1520.00	SAN DIEGO RIVER AT EL CAPITAN DAM										
01/02/73	5229				--	--	--	--	--	--	--	--		
	5229							0.05 T	0.01 T	--	--	--		
03/27/73	5229				--	--	--	--	--	--	--	--		
	5229							0.04 T	0.0 T	--	--	--		
07/02/73	5229				--	--	--	--	--	--	--	--		
	5229							0.03 T	0.0 T	--	--	--		
		X5	1990.10	ALVARADO FILTRATION PLANT BELOW MURRAY RESERVOIR										
10/00/72	5229				--	--	--	--	--	--	--	--		
	5229							0.01 T	0.01 T	--	--	--		
11/00/72	5229				--	--	--	--	--	--	--	--		
	5229							0.01 T	0.0 T	--	--	--		
12/00/72	5229				--	--	--	--	--	--	--	--		
	5229							0.01 T	0.0 T	--	--	--		
01/00/73	5229				--	--	--	--	--	--	--	--		
	5229							0.01 T	0.0 T	--	--	--		
02/00/73	5229				--	--	--	--	--	--	--	--		
	5229							0.01 T	0.0 T	--	--	--		
03/00/73	5229				--	--	--	--	--	--	--	--		
	5229							0.01 T	0.0 T	--	--	--		
04/00/73	5229				--	--	--	--	--	--	--	--		
	5229							0.01 T	0.0 T	--	--	--		

SEE PAGE 319 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-3 (CONT.)

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PM	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM	
XS 1990.10		ALVARADO FILTRATION PLANT BELOW MURRAY RESERVOIR						CONTINUED					
05/00/73	5229				--	--	--	0.01	T	--	--	--	
	5229				--	--	--	0.02	T	0.0	T	--	
06/00/73	5229				--	--	--	0.02	T	0.01	T	--	
	5229				--	--	--	0.01	T	0.02	T	--	
07/00/73	5229				--	--	--	0.03	T	0.0	T	--	
	5229				--	--	--	--	--	--	--	--	
08/00/73	5229				--	--	--	0.01	T	0.02	T	--	
	5229				--	--	--	0.03	T	0.0	T	--	
09/00/73	5229				--	--	--	--	--	--	--	--	
	5229				--	--	--	--	--	--	--	--	
XS 6200.10		MIRAMAR RESERVOIR NEAR MIRAMAR											
04/30/73	5229				--	--	--	0.01	T	0.02	T	--	
	5229				--	--	--	0.03	T	0.0	T	--	
07/31/73	5229				--	--	--	--	--	--	--	--	
	5229				--	--	--	0.03	T	0.0	T	--	
XS 6990.10		MIRAMAR FILTRATION PLANT BELOW MIRAMAR											
10/00/72	5229				--	--	--	0.05	T	0.0	T	--	
	5229				--	--	--	0.07	T	0.0	T	--	
11/00/72	5229				--	--	--	--	--	--	--	--	
	5229				--	--	--	0.01	T	0.03	T	--	
12/00/72	5229				--	--	--	--	--	--	--	--	
	5229				--	--	--	0.01	T	0.01	T	--	
01/00/73	5229				--	--	--	0.01	T	0.0	T	--	
	5229				--	--	--	0.01	T	0.0	T	--	
02/00/73	5229				--	--	--	0.01	T	0.0	T	--	
	5229				--	--	--	0.01	T	0.0	T	--	
03/00/73	5229				--	--	--	0.01	T	0.0	T	--	
	5229				--	--	--	0.01	T	0.0	T	--	
04/00/73	5229				--	--	--	0.01	T	0.0	T	--	
	5229				--	--	--	0.01	T	0.0	T	--	
05/00/73	5229				--	--	--	0.01	T	0.0	T	--	
	5229				--	--	--	0.01	T	0.0	T	--	
06/00/73	5229				--	--	--	0.01	T	0.0	T	--	
	5229				--	--	--	0.01	T	0.0	T	--	
07/00/73	5229				--	--	--	0.02	T	0.01	T	--	
	5229				--	--	--	0.02	T	0.0	T	--	
08/00/73	5229				--	--	--	0.02	T	0.0	T	--	
	5229				--	--	--	0.02	T	0.0	T	--	
09/00/73	5229				--	--	--	0.02	T	0.0	T	--	
	5229				--	--	--	0.02	T	0.0	T	--	
X7 1300.00		OTAY RIVER AT SAVAGE DAM (LOWER OTAY RESERVOIR)											
04/30/73	5229				--	--	--	0.03	T	0.01	T	--	
	5229				--	--	--	0.04	T	0.0	T	--	
07/31/73	5229				--	--	--	--	--	--	--	--	
	5229				--	--	--	0.04	T	0.0	T	--	
X7 1320.10		OTAY RIVER AT UPPER OTAY RESERVOIR											
01/30/73	5229				--	--	--	0.01	T	0.02	T	--	
	5229				--	--	--	0.04	T	0.02	T	--	
02/27/73	5229				--	--	--	--	--	--	--	--	
	5229				--	--	--	0.02	T	0.03	T	--	
08/30/73	5229				--	--	--	0.02	T	0.03	T	--	
	5229				--	--	--	--	--	--	--	--	
X7 1990.10		LOWER OTAY FILTRATION PLANT BELOW LOWER OTAY RES.											
10/00/72	5229				--	--	--	0.01	T	0.0	T	--	
	5229				--	--	--	0.01	T	0.01	T	--	
11/00/72	5229				--	--	--	--	--	--	--	--	
	5229				--	--	--	0.02	T	0.0	T	--	
12/00/72	5229				--	--	--	--	--	--	--	--	
	5229				--	--	--	0.02	T	0.0	T	--	
01/00/73	5229				--	--	--	0.02	T	0.0	T	--	
	5229				--	--	--	0.01	T	0.0	T	--	
02/00/73	5229				--	--	--	--	--	--	--	--	
	5229				--	--	--	0.01	T	0.0	T	--	
03/00/73	5229				--	--	--	0.01	T	0.0	T	--	
	5229				--	--	--	0.01	T	0.0	T	--	
04/00/73	5229				--	--	--	0.01	T	0.0	T	--	
	5229				--	--	--	0.01	T	0.0	T	--	
05/00/73	5229				--	--	--	0.01	T	0.0	T	--	
	5229				--	--	--	0.02	T	0.0	T	--	
06/00/73	5229				--	--	--	--	--	--	--	--	
	5229				--	--	--	0.02	T	0.0	T	--	
07/00/73	5229				--	--	--	--	--	--	--	--	
	5229				--	--	--	0.02	T	0.01	T	--	

SEE PAGE 319 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-3 (CONT.)

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN. MILLIGRAMS CHROM (ALL) CHROM (MEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM				
X7 1990.10 LOWER OTAY FILTRATION PLANT BELOW LOWER OTAY RES. CONTINUED																
08/00/73	5229				--	--	--	0.02	T	0.0	T	--				
09/00/73	5229				--	--	--	0.01	T	0.0	T	--				
X8 2210.00 COTTONWOOD CREEK AT BARRETT DAM																
11/27/72	5229				--	--	--	0.03	T	0.03	T	--				
06/01/73	5229				--	--	--	0.05	T	0.07	T	--				
XR 2430.00 COTTONWOOD CREEK AT MORENA DAM																
11/30/72	5229				--	--	--	0.02	T	0.02	T	--				
06/01/73	5229				--	--	--	0.03	T	0.0	T	--				
Y1 1550.00 SANTA ANA RIVER BELOW PRADO DAM																
05/29/73	5050		67.0F		0.00	D	0.0	D	0.00	D	0.01	D	0.0001	T	0.00	D
0900	5050						--	0.02	D	0.51	D	0.00	D	0.01	D	
Y5 1100.00 SANTA ANA RIVER AT E STREET BRIDGE																
05/30/73	5050		74.0F		0.00	D	0.1	D	0.01	D	0.02	D	0.0001	T	0.00	D
0630	5050						--	0.07	D	0.01	D	0.00	D	0.04	D	
71 5150.00 MATILIJIA CREEK BELOW DAM																
06/01/73	5050		65.0F		0.00	D	0.0	D	0.00	D	0.01	D	0.0001	T	0.00	D
0730	5050						--	0.01	D	0.01	D	0.00	D	0.00	D	
72 1300.00 SANTA PAULA CREEK NEAR SANTA PAULA																
06/01/73	5050		64.0F		0.00	D	0.1	D	0.00	D	0.00	D	0.0001	T	0.00	D
0900	5050						--	0.02	D	0.00	D	0.00	D	0.00	D	
72 1360.10 SANTA CLARA RIVER NEAR SANTA PAULA																
06/01/73	5050		250 E 67.0F		0.00	D	0.1	D	0.00	D	0.01	D	0.0001	T	0.00	D
1000	5050						--	0.06	D	0.01	D	0.02	D	0.00	D	
72 1702.00 SANTA CLARA RIVER AT HWY 99																
10/04/72	1101		59.0F		--	--	--	--	--	0.0	T	--				
0430	1101				--	--	--	--	--	--	--	--				
11/02/72	1101		51.0F		--	--	--	--	--	0.0	T	--				
0545	1101				--	--	--	--	--	--	--	--				
12/01/72	1101		50.0F		--	--	--	--	--	0.0	T	--				
0515	1101				--	--	--	--	--	--	--	--				
01/03/73	1101		41.0F		--	--	--	--	--	0.0	T	--				
0630	1101				--	--	--	--	--	--	--	--				
03/07/73	1101		47.0F		--	--	--	--	--	0.0	T	--				
0600	1101				--	--	--	--	--	--	--	--				
04/05/73	1101		48.0F		--	--	--	--	--	0.0	T	--				
0640	1101				--	--	--	--	--	--	--	--				
05/04/73	1101		52.0F		--	--	--	--	--	0.01	T	--				
0545	1101				--	--	--	--	--	--	--	--				
06/01/73	5050		7 E 65.0F		0.00	D	0.1	D	0.01	D	0.01	D	0.0000	T	0.00	D
1500	5050						--	0.00	D	0.00	D	0.00	D	0.00	D	
06/04/73	1101		60.0F		--	--	--	--	--	0.0	T	--				
0600	1101				--	--	--	--	--	--	--	--				
07/03/73	1101		56.0F		--	--	--	--	--	0.0	T	--				
0610	1101				--	--	--	--	--	--	--	--				
08/01/73	1101		61.0F		--	--	--	--	--	0.0	T	--				
0550	1101				--	--	--	--	--	--	--	--				
09/06/73	1101		60.0F		--	--	--	--	--	0.0	T	--				
0540	1101				--	--	--	--	--	--	--	--				
72 2150.00 SESPE CREEK NEAR FILLMORE																
06/01/73	5050		66.0F		0.00	D	0.0	D	0.00	D	0.01	D	0.0001	T	0.00	D
1100	5050						--	0.01	D	0.00	D	0.00	D	0.00	D	
72 3240.00 PIRU CREEK PELDW SANTA FELICIA DAM																
06/01/73	5050		55.0F		0.00	D	0.1	D	0.00	D	0.01	D	0.0000	T	0.00	D
1230	5050						--	0.00	D	0.46	D	0.00	D	0.00	D	
07/31/73	5411				--	--	--	--	T	0.07	D	--				
5867					--	--	--	--	--	--	--	--				
72 3375.00 PIRU LAKE NEAR PIRU																
03/20/73	5411				--	--	--	--	T	0.0	D	--				
5867					--	--	--	--	--	--	--	--				
07/02/73	5411				--	--	--	--	T	0.0	D	--				
5867					--	--	--	--	--	--	--	--				
07/31/73	5411				--	--	--	--	T	0.0	D	--				
5867					--	--	--	--	--	--	--	--				
09/04/73	5411				--	--	--	--	T	0.0	D	--				
1130	5867				--	--	--	--	--	--	--	--				



## MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
73 1135.00 SANTA CLARA RIVER AT L.A.-VENTURA CO. LINE												
06/01/73	5050		30 E	67.0F	0.00 D	0.1 D	0.00 D	0.00 D	0.01 D	0.0000 T	0.00 D	
1330	5050							0.00 D	0.02 D	0.00 D	0.00 D	
75 1020.10 MALIBU CREEK AT PACIFIC COAST HWY												
10/04/72	1101			61.0F	--	--	--	--	--	0.0 T	--	
0725	1101				--	--	--	--	--	--	--	
11/02/72	1101			51.0F	--	--	--	--	--	0.0 T	--	
0645	1101				--	--	--	--	--	--	--	
12/01/72	1101			48.0F	--	--	--	--	--	0.0 T	--	
0645	1101				--	--	--	--	--	--	--	
01/03/73	1101			44.0F	--	--	--	--	--	0.0 T	--	
0730	1101				--	--	--	--	--	--	--	
03/07/73	1101			53.0F	--	--	--	--	--	0.0 T	--	
0750	1101				--	--	--	--	--	--	--	
04/05/73	1101			55.0F	--	--	--	--	--	0.0 T	--	
0720	1101				--	--	--	--	--	--	--	
05/04/73	1101			59.0F	--	--	--	--	--	0.0 T	--	
0730	1101				--	--	--	--	--	--	--	
06/04/73	1101			64.0F	--	--	--	--	--	0.0 T	--	
0725	1101				--	--	--	--	--	--	--	
07/03/73	1101			64.0F	--	--	--	--	--	0.01 T	--	
0720	1101				--	--	--	--	--	--	--	
08/01/73	1101			65.0F	--	--	--	--	--	0.02 T	--	
0725	1101				--	--	--	--	--	--	--	
09/06/73	1101			65.0F	--	--	--	--	--	0.0 T	--	
0700	1101				--	--	--	--	--	--	--	
75 2150.00 TOPANGA CREEK ABOVE PACIFIC COAST HWY												
10/04/72	1101			60.0F	--	--	--	--	--	0.0 T	--	
0800	1101				--	--	--	--	--	--	--	
11/02/72	1101			50.0F	--	--	--	--	--	0.0 T	--	
0710	1101				--	--	--	--	--	--	--	
12/01/72	1101			49.0F	--	--	--	--	--	0.0 T	--	
0705	1101				--	--	--	--	--	--	--	
01/03/73	1101			43.0F	--	--	--	--	--	0.0 T	--	
0800	1101				--	--	--	--	--	--	--	
03/07/73	1101			48.0F	--	--	--	--	--	0.0 T	--	
0730	1101				--	--	--	--	--	--	--	
05/04/73	1101			56.0F	--	--	--	--	--	0.1 T	--	
0710	1101				--	--	--	--	--	--	--	
06/04/73	1101			62.0F	--	--	--	--	--	0.0 T	--	
0705	1101				--	--	--	--	--	--	--	
07/03/73	1101			60.0F	--	--	--	--	--	0.0 T	--	
0800	1101				--	--	--	--	--	--	--	
08/01/73	1101			61.0F	--	--	--	--	--	0.0 T	--	
0730	1101				--	--	--	--	--	--	--	
09/06/73	1101			62.0F	--	--	--	--	--	0.0 T	--	
0800	1101				--	--	--	--	--	--	--	
75 3200.10 BALLONA CREEK AT LINCOLN BLVD												
10/18/72	1101			61.0F	--	--	--	--	--	0.0 T	--	
0710	1101				--	--	--	--	--	--	--	
12/15/72	1101			48.0F	--	--	--	--	--	0.02 T	--	
0615	1101				--	--	--	--	--	--	--	
01/15/73	1101			59.0F	--	--	--	--	--	0.0 T	--	
0655	1101				--	--	--	--	--	--	--	
02/20/73	1101			58.0F	--	--	--	--	--	0.0 T	--	
0610	1101				--	--	--	--	--	--	--	
03/21/73	1101			54.0F	--	--	--	--	--	0.0 T	--	
0540	1101				--	--	--	--	--	--	--	
04/19/73	1101			59.0F	--	--	--	--	--	0.0 T	--	
0700	1101				--	--	--	--	--	--	--	
05/18/73	1101			64.0F	--	--	--	--	--	0.0 T	--	
0625	1101				--	--	--	--	--	--	--	
06/18/73	1101			66.0F	--	--	--	--	--	0.0 T	--	
1101	1101				--	--	--	--	--	--	--	
07/17/73	1101			63.0F	--	--	--	--	--	0.0 T	--	
0650	1101				--	--	--	--	--	--	--	
08/15/73	1101			71.0F	--	--	--	--	--	0.0 T	--	
0700	1101				--	--	--	--	--	--	--	
09/20/73	1101			66.0F	--	--	--	--	--	0.01 T	--	
0600	1101				--	--	--	--	--	--	--	

SEE PAGE 319 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-3 (CONT.)

DATE TIME	SAMP LAB	DEPTH	O15CH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER						REMARKS	
					ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM		SILVER ZINC
26		1100.00	LOS ANGELES RIVER AT PACIFIC COAST HWY									
10/04/72	5239 0945			68.0F	--	--	0.01	7	--	--	--	--
11/01/72	5239 1050			60.0F	--	--	0.00	T	--	--	--	--
12/06/72	5239 1000			54.0F	--	--	0.00	T	--	--	--	--
01/03/73	5239 0915			55.0F	--	--	0.00	T	--	--	--	--
04/04/73	5239 0945			58.0F	--	--	0.043	T	--	--	--	--
05/02/73	5239 0950			59.0F	--	--	0.02	T	--	--	--	--
06/06/73	5239 1115			75.2F	--	--	0.00	T	--	--	--	--
07/11/73	5239 1045			68.0F	--	--	0.00	T	--	--	--	--
08/01/73	5239 1115			62.0F	--	--	0.00	T	--	--	--	--
09/05/73	5239 1000			69.8F	--	--	0.024	T	--	--	--	--
26		1120.10	LOS ANGELES RIVER AT WILLOW STREET									
10/04/72	1101 0620	1101		63.0F	--	--	--	--	--	0.0	T	--
11/02/72	1101 0635	1101		52.0F	--	--	--	--	--	0.0	T	--
12/01/72	1101 0720	1101		47.0F	--	--	--	--	--	0.0	T	--
01/03/73	1101 0700	1101		45.0F	--	--	--	--	--	0.0	T	--
03/07/73	1101 0545	1101		51.0F	--	--	--	--	--	0.0	T	--
04/05/73	1101 0640	1101		51.0F	--	--	--	--	--	0.0	T	--
05/04/73	1101 0700	1101		63.0F	--	--	--	--	--	0.01	T	--
06/04/73	1101 0555	1101		65.0F	--	--	--	--	--	0.05	T	--
07/03/73	1101 0630	1101		68.5F	--	--	--	--	--	0.0	T	--
08/01/73	1101 0645	1101		70.0F	--	--	--	--	--	0.0	T	--
09/06/73	1101 0545	1101		64.0F	--	--	--	--	--	0.0	T	--
76		3025.10	DOMINGUEZ CHANNEL AT ANAHEIM ST									
10/04/72	1101 0712	1101		67.0F	--	--	--	--	--	0.0	T	--
11/02/72	1101 0700	1101		61.0F	--	--	--	--	--	0.0	T	--
12/01/72	1101 0630	1101		59.0F	--	--	--	--	--	0.0	T	--
01/03/73	1101 0615	1101		55.0F	--	--	--	--	--	0.0	T	--
03/07/73	1101 0630	1101		54.0F	--	--	--	--	--	0.0	T	--
04/05/73	1101 0600	1101		60.0F	--	--	--	--	--	0.0	T	--
06/04/73	1101 0600	1101		65.0F	--	--	--	--	--	0.0	T	--
07/02/73	1101 1101			65.0F	--	--	--	--	--	0.02	T	--
08/01/73	1101 0715	1101		73.0F	--	--	--	--	--	0.0	T	--
09/06/73	1101 1101			67.0F	--	--	--	--	--	0.01	T	--
76		9745.10	RIO MONDO RIVER AT RIO MONDO SPREADING GROUNDS									
03/21/73	1101 0600	1101		53.0F	--	--	--	1.39	T	0.08	T	--
04/19/73	1101 1101			60.0F	--	--	--	0.20	T	0.08	T	--
05/18/73	1101 1101			65.0F	--	--	--	0.50	T	0.0	T	--
06/18/73	1101 0600	1101		65.5F	--	--	--	0.06	T	0.0	T	--

SEE PAGE 319 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-3 (CONT.)

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER						LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM		
					ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON								
26 9745.10					RIO MONDO RIVER AT RIO MONDO SPREADING GROUNDS						CONTINUED					
07/17/73	1101 1101			61.0F	--	--	--	--	0.22	T	0.0	T	--	--		
08/15/73	1101 1101			72.0F	--	--	--	--	0.25	T	0.05	T	--	--		
09/17/73	1101 0R20 1101			70.0F	--	--	--	--	0.15	T	0.0	T	--	--		
27 1927.10					SAN GABRIEL RIVER AT AZUSA POWERHOUSE											
05/29/73	5050 0700 5050		73 E	62.0F	0.00	0	0.00	0	0.01	0	0.02	0	0.0000	T	0.00	0
					0.00	0	0.00	0	0.02	0	0.00	0	0.00	0	0.02	0
27 5126.10					RIO MONDO RIVER AT POMONA FWY											
03/21/73	1101 0515 1101			47.0F	--	--	--	--	0.80	T	0.0	T	--	--		
04/19/73	1101 0615 1101			59.0F	--	--	--	--	0.22	T	0.23	T	--	--		
05/18/73	1101 1101			65.0F	--	--	--	--	0.40	T	0.10	T	--	--		
06/18/73	1101 0515 1101			65.0F	--	--	--	--	0.01	T	0.0	T	--	--		
08/15/73	1101 0600 1101			70.0F	--	--	--	--	0.25	T	0.0	T	--	--		
09/20/73	1101 0640 1101			65.0F	--	--	--	--	0.16	T	0.08	T	--	--		
27 7050.00					SAN JOSE CREEK AT WORKMAN MILL RD											
03/21/73	1101 0800 1101			47.0F	--	--	--	--	0.67	T	0.25	T	--	--		
04/19/73	1101 1101				--	--	--	--	0.10	T	0.08	T	--	--		
05/18/73	1101 0805 1101			62.0F	--	--	--	--	0.40	T	0.10	T	--	--		
06/18/73	1101 0845 1101			66.0F	--	--	--	--	0.16	T	0.0	T	--	--		
07/17/73	1101 0700			64.0F	--	--	--	--	0.22	T	--	--	--	--		
08/15/73	1101 0735 1101			66.0F	--	--	--	--	0.38	T	0.0	T	--	--		
09/20/73	1101 1035 1101			66.0F	--	--	--	--	0.30	T	0.09	T	--	--		
28 1060.10					SAN GABRIEL RIVER AT PACIFIC COAST HWY											
10/18/72	1101 0730 1101			77.0F	--	--	--	--	--	--	--	--	0.00	T	--	--
12/15/72	1101 0640 1101			73.0F	--	--	--	--	--	--	--	--	0.01	T	--	--
02/20/73	1101 0730 1101			72.0F	--	--	--	--	--	--	--	--	0.00	T	--	--
03/21/73	1101 0700 1101			72.0F	--	--	--	--	--	--	--	--	0.00	T	--	--
04/19/73	1101 0645 1101			71.0F	--	--	--	--	--	--	--	--	0.00	T	--	--
05/18/73	1101 0800 1101				--	--	--	--	--	--	--	--	0.00	T	--	--
06/18/73	1101 0700 1101			77.0F	--	--	--	--	--	--	--	--	0.01	T	--	--
07/17/73	1101 0615 1101			82.0F	--	--	--	--	--	--	--	--	0.00	T	--	--
08/15/73	1101 0700 1101			78.0F	--	--	--	--	--	--	--	--	0.00	T	--	--
09/20/73	1101 0700 1101			75.0F	--	--	--	--	--	--	--	--	0.00	T	--	--
28 1165.10					COYOTE CREEK AT WILLOW STREET											
03/21/73	1101 0615 1101			49.0F	--	--	--	--	1.87	T	0.0	T	--	--		
04/19/73	1101 0615 1101			55.0F	--	--	--	--	0.10	T	0.15	T	--	--		
05/18/73	1101 0620 1101			65.0F	--	--	--	--	0.2	T	0.20	T	--	--		
06/18/73	1101 0630 1101			63.0F	--	--	--	--	0.12	T	0.0	T	--	--		
07/17/73	1101 0700 1101			71.0F	--	--	--	--	0.33	T	0.0	T	--	--		
08/15/73	1101 0615 1101			68.0F	--	--	--	--	0.40	T	0.05	T	--	--		
09/20/73	1101 0615 1101			69.0F	--	--	--	--	0.19	T	0.05	T	--	--		

SEE PAGE 319 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-3 (CONT.)

## MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	BARIUM CAESIUM	CHROM CHROM (ALL) (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
Z8 1225.10 SAN GABRIEL RIVER AT WILLOW STREET												
03/21/73 0600	1101 1101			59.0F	--	--	--	0.80 T	0.0 T	--	--	--
04/19/73 0600	1101 1101			65.0F	--	--	--	0.15 T	0.0 T	--	--	--
05/18/73 0600	1101 1101			70.0F	--	--	--	0.1 T	0.0 T	--	--	--
06/18/73 0610	1101 1101			66.0F	--	--	--	0.11 T	0.0 T	--	--	--
07/17/73 0650	1101 1101			73.0F	--	--	--	0.23 T	0.0 T	--	--	--
08/15/73 0600	1101 1101			67.0F	--	--	--	0.10 T	0.0 T	--	--	--
09/20/73 0610	1101 1101			73.0F	--	--	--	0.76 T	0.0 T	--	--	--
Z8 1700.00 SAN GABRIEL RIVER AT THE HEADWORKS												
03/21/73 0515	1101 1101			48.0F	--	--	--	2.03 T	0.0 T	--	--	--
04/19/73 0530	1101 1101			59.0F	--	--	--	0.28 T	0.0 T	--	--	--
05/18/73 1101	1101 1101				--	--	--	0.30 T	0.05 T	--	--	--
06/18/73 0540	1101 1101				--	--	--	0.26 T	0.0 T	--	--	--
07/17/73 1101	1101 1101				--	--	--	0.16 T	0.0 T	--	--	--
08/15/73 0800	1101 1101			72.0F	--	--	--	0.49 T	0.05 T	--	--	--
09/17/73 0850	1101 1101			67.0F	--	--	--	0.17 T	0.0 T	--	--	--
Z8 1780.00 SAN GABRIEL RIVER AT BEVERLY RLVD												
03/21/73 0540	1101 1101			51.0F	--	--	--	1.74 T	0.05 T	--	--	--
04/19/73 0710	1101 1101			61.0F	--	--	--	0.22 T	--	--	--	--
05/18/73 0715	1101 1101			63.0F	--	--	--	0.2 T	--	--	--	--
06/18/73 0530	1101 1101			63.0F	--	--	--	--	0.0 T	--	--	--
Z8 5170.00 RIO MONDO RIVER NEAR OOWNEY												
10/18/72 0745	1101 1101			59.0F	--	--	--	--	--	0.00 T	--	--
01/15/73 0745	1101 1101			56.0F	--	--	--	--	--	0.01 T	--	--
02/20/73 0800	1101 1101			48.0F	--	--	--	--	--	0.00 T	--	--
03/21/73 0630	1101 1101			42.0F	--	--	--	--	--	0.00 T	--	--
04/19/73 1101	1101 1101			60.0F	--	--	--	--	--	0.00 T	--	--
05/18/73 1101	1101 1101			63.0F	--	--	--	--	--	0.00 T	--	--
06/18/73 0630	1101 1101			61.0F	--	--	--	--	--	0.01 T	--	--
07/17/73 0645	1101 1101			59.0F	--	--	--	--	--	0.00 T	--	--
08/15/73 0730	1101 1101			68.0F	--	--	--	--	--	0.00 T	--	--
09/20/73 0745	1101 1101			62.0F	--	--	--	--	--	0.01 T	--	--

TABLE D-4

SUPPLEMENTAL MINOR ELEMENT ANALYSIS  
OF SURFACE WATER

The constituents are as follows:

Aluminum	Lithium
Antimony	Molybdenum
Beryllium	Nickel
Bismuth	Strontium
Cobalt	Titanium
Germanium	Vanadium
Gallium	

Abbreviations

TIME - Pacific Standard Time on a 24-hour clock

DEPTH - Depth in feet at which sample was collected

DISCH - Instantaneous discharge in cubic feet per second

EC - Electrical conductance in micromhos at 25° Celsius

TEMP - Water temperature at time of sampling in degrees  
Fahrenheit (F) and Celsius (C)

pH - Measure of acidity or alkalinity of water

D - Dissolved

T - Total

The Lab and Sampler codes are as follows:

5229 - City of San Diego Water Department

TABLE D-4 (CONT)

## SUPPLEMENTAL MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER							REM	
					ALUMINUM	ANTIMONY	BERYLLIUM	BISMUTH	COBALT	GERMANIUM	LITHIUM		NICKEL
		X4 1200.00	SAN DIEGUITO RIVER AT LAKE HODGES										
10/03/72	5229				0.0	T	--	--	--	--	--	--	--
11/07/72	5229				0.07	T	--	--	--	--	--	--	--
12/05/72	5229				0.0	T	--	--	--	--	--	--	--
01/05/73	5229				0.01	T	--	--	--	--	--	--	--
02/06/73	5229				0.0	T	--	--	--	--	--	--	--
03/06/73	5229				0.0	T	--	--	--	--	--	--	--
04/03/73	5229				0.0	T	--	--	--	--	--	--	--
05/08/73	5229				0.0	T	--	--	--	--	--	--	--
06/05/73	5229				0.0	T	--	--	--	--	--	--	--
07/13/73	5229				0.0	T	--	--	--	--	--	--	--
08/07/73	5229				0.0	T	--	--	--	--	--	--	--
09/11/73	5229				0.0	T	--	--	--	--	--	--	--
		X4 2500.00	SANTA YSABEL CREEK AT SUTHERLAND DAM										
11/07/72	5229				0.0	T	--	--	--	--	--	--	--
05/15/73	5229				0.0	T	--	--	--	--	--	--	--
		X5 1160.00	ALVARADO CANYON AT MURRAY DAM										
10/31/72	5229				0.03	T	--	--	--	--	--	--	--
05/01/73	5229				0.03	T	--	--	--	--	--	--	--
08/03/73	5229				0.02	T	--	--	--	--	--	--	--
		X5 1320.00	SAN VICENTE CREEK AT SAN VICENTE DAM										
01/02/73	5229				0.02	T	--	--	--	--	--	--	--
03/27/73	5229				0.0	T	--	--	--	--	--	--	--
07/02/73	5229				0.0	T	--	--	--	--	--	--	--
		X5 1520.00	SAN DIEGO RIVER AT EL CAPITAN DAM										
01/02/73	5229				0.01	T	--	--	--	--	--	--	--
03/27/73	5229				0.0	T	--	--	--	--	--	--	--
07/02/73	5229				0.0	T	--	--	--	--	--	--	--
		X5 1990.10	ALVARADO FILTRATION PLANT BELOW MURRAY RESERVOIR										
10/00/72	5229				0.11	T	--	--	--	--	--	--	--
11/00/72	5229				0.11	T	--	--	--	--	--	--	--
12/00/72	5229				0.05	T	--	--	--	--	--	--	--
01/00/73	5229				0.07	T	--	--	--	--	--	--	--
02/00/73	5229				0.65	T	--	--	--	--	--	--	--
03/00/73	5229				0.07	T	--	--	--	--	--	--	--
04/00/73	5229				0.07	T	--	--	--	--	--	--	--
05/00/73	5229				0.18	T	--	--	--	--	--	--	--
06/00/73	5229				0.15	T	--	--	--	--	--	--	--
07/00/73	5229				0.04	T	--	--	--	--	--	--	--
08/00/73	5229				0.0	T	--	--	--	--	--	--	--





TABLE D-4 (CONT)

## SUPPLEMENTAL MINOR ELEMENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	DISCH DEPTH	DISCH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER										REM
					ALUMINUM	ANTIMONY BERYLLIUM	ARSENIC COBALT	BISMUTH GERMANIUM	LITHIUM MOLYBDENUM	NICKEL STRONTIUM	TITANIUM VANADIUM				
			X8 2210.00		COTTONWOOD CREEK AT BARRETT DAM										
11/27/72	5229				0.0	T	--	--	--	--	--	--	--	--	
06/01/73	5229				0.0	T	--	--	--	--	--	--	--	--	
			X8 2430.00		COTTONWOOD CREEK AT MORENA DAM										
11/30/72	5229				0.0	T	--	--	--	--	--	--	--	--	
06/01/73	5229				0.0	T	--	--	--	--	--	--	--	--	

## TABLE D-5

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
TEMP	- Water temperature at time of sampling in degrees of Fahrenheit (F) or Celsius (C)
EC	- Electrical conductance in micromhos at 25° Celsius
pH	- Measure of acidity or alkalinity of water: F - Field; L - Lab
DO	- Dissolved oxygen content in milligrams per liter
G.H.	- Instantaneous gage height in feet above an established datum
DISCHARGE	- Instantaneous discharge in cubic feet per second
MBAS	- Methylene blue active substance (a test for detergent surfactants) in milligrams per liter: L - Linear alkylate sulfonate; A - Alkyl benzene sulfonate
T+L	- Tannin and lignin as tannic acid in milligrams per liter
CHLOR	- Field determination of residual chlorine in milligrams per liter
O+G	- Oil and grease in milligrams per liter
COLOR	- True color in color units
SET S	- Settleable solids in milliliters per liter (ML/L) and milligrams per liter (MG/L): F - Field; L - Lab
BOD	- Biochemical oxygen demand in milligrams per liter: A - 4 days; B - 5 days; C - 6 days; D - 7 days; E - 100 days; F - other
SUS S	- Suspended solids in milligrams per liter: 5 - at 105°C; 8 - at 108°C
COD	- Chemical oxygen demand in milligrams per liter
V SUS S	- Volatile suspended solids in milligrams per liter
TOC	- Total organic carbon in milligrams per liter
DOC	- Dissolved organic carbon in milligrams per liter
T ODOR	- Threshold odor number at 60°C
T SULF	- Total sulfides in milligrams per liter
D SULF	- Dissolved sulfides in milligrams per liter

Other Constituents

CYANIDE	- Cyanide in milligrams per liter
PHENOLS	- Phenols in milligrams per liter
IODIDE	- Iodide in milligrams per liter
BROMIDE	- Bromide in milligrams per liter
SULFITE	- Sulfite in milligrams per liter

The Lab and Sampler codes are as follows:

1101	- Los Angeles County Flood Control District
5050	- Department of Water Resources
5229	- City of San Diego Water Department
5239	- Long Beach Health Department



TABLE D-5 (CONT.)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T-L CHLOR	SET 5		BOD SUS S	COD V SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE I ODOR	BROMIDE SULFITE	T SULF O SULF	CC EXT CA EXT	
								O+G COLOR	ML/L MG/L									
V9 1620.00		MOJAVE RIVER NEAR VICTORVILLE																
11/29/72	5050	60.0F	7.6	7.7	31.0													
1315	5050	460	3.23		0.2 A													
01/31/73	5050	54.0F	9.0	7.8	34.0													
1320	5050	420	3.17		0.11 A													
04/26/73	5050	80.0F	6.2	7.7	122.0													
1315	5050	260			0.06 A													
07/25/73	5050	89.0F	7.3	8.4	13.0													
1245	5050	465			0.12 A													
W7 1600.00		COLORADO RIVER AT IMPERIAL DAM																
12/27/72	5050	54.0F	10.8	8.1	5090.0													
1330	5050	1500	2.08		0.1 A													
03/27/73	5050	60.0F	9.1	8.0	10910.0													
1045	5050	1150	2.30		0.11 A													
06/26/73	5050	84.0F	7.9	8.1	9770.0													
1100	5050	1300	2.25		0.12 A													
09/25/73	5050	75.0F	7.8	8.1	8970.0													
0700	5050	1300			0.10 A													
W9 2205.10		ROSE DRAIN AT THE ALAMO RIVER																
12/27/72	5050	48.0F	9.0	8.3	37.8													
0830	5050	6900	0.80		0.5 A													
03/26/73	5050	62.0F	7.6	7.8	103.5													
1345	5050	3200	1.56		0.33 A													
06/26/73	5050	77.0F	3.7	7.7	56.4													
0600	5050	4300	1.04		0.3 A													
09/25/73	5050	71.0F	7.2	7.7	105.5													
1100	5050	3550	1.58		0.36 A													
W9 2250.10		CENTRAL DRAIN AT THE ALAMO RIVER																
12/27/72	5050	54.0F	8.9	7.7	45.0													
0930	5050	6600	0.84		0.7 A													
03/26/73	5050	59.0F	6.7	7.7	154.0													
1630	5050	2650	1.68		0.32 A													
06/26/73	5050	80.0F	6.5	7.7	69.0													
0700	5050	3100	1.11		0.27 A													
09/25/73	5050	72.0F	7.0	7.7	136.0													
1200	5050	3250	1.58		0.32 A													
X4 1200.00		SAN DIEGUITO RIVER AT LAKE HODGES																
10/03/72	5229				0.08 A													
5229																		
11/07/72	5229				0.10 A													
5229																		
12/05/72	5229				0.10 A													
5229																		
01/05/73	5229				0.08 A													
5229																		
02/06/73	5229				0.10 A													
5229																		
04/03/73	5229				0.14 A													
5229																		
05/08/73	5229				0.09 A													
5229																		
07/13/73	5229				0.08 A													
5229																		
08/07/73	5229				0.11 A													
5229																		
09/11/73	5229				0.10 A													
5229																		
X4 3400.05		ESCONDIDO CREEK NEAR HARMONY GROVE																
12/28/72	5050	56.0F	10.2	7.4	7 E													
1120	5050	2090			1.3 A													
04/11/73	5050	66.0F	9.4	7.4	5 E													
1130	5050	2000			0.55 A													
06/27/73	5050	76.0F	9.0	7.4	12 E													
1020	5050	2000			1.1 A													
09/26/73	5050	70.0F	9.8	7.4	10 E													
1015	5050	1950			1.10 A													
Y1 1550.00		SANTA ANA RIVER BELOW PRAHO DAM																
10/27/72	5050	60.0F	7.2	7.7														
0815	5050	1240	2.29		0.6 A				70	8								
11/30/72	5050	58.0F	8.1	7.7														
1400	5050	1200	2.27		0.5 A				43	8								
12/30/72	5050	49.0F	10.2	7.7														
1320	5050	1200	3.30		0.8 A				55	8								

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-5 (CONT.)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBA5	DEPTH TURB	T+L CHLOR	SET 5		BOD SUS 5	COD SUS 5	CYANIDE PHENOLS	TOC DOC	IODINE T ODOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT	
								0+G COLOR	ML/L MG/L									
		Y1	1550.00		SANTA ANA RIVER BELOW PRADD DAM										CONTINUED			
02/01/73	5050	54.0F	8.0	7.7														
1400	5050	1350	2.67		0.5	A	--	--	--	317	5	--	--	--	--	--	--	
03/01/73	5050	52.0F	6.9	7.2														
0800	5050	740	2.81		0.2		--	--	--	16	5	--	--	--	--	--	--	
04/12/73	5050	61.0F	6.7	7.4														
1345	5050	900	2.71		0.35		--	--	--	3.8	5	--	--	--	--	--	--	
04/27/73	5050	60.0F	7.5	7.6														
0900	5050	975	2.74		0.26	A	--	--	--	8.0	5	--	--	--	--	--	--	
05/24/73	5050	61.0F	6.5	7.6														
0730	5050	1425	2.60		0.38	A	--	--	--	43	5	--	--	--	--	--	--	
06/29/73	5050	67.0F	7.4	7.8														
0700	5050	1130	2.17		0.32	A	--	--	--	61	5	--	--	--	--	--	--	
07/26/73	5050	78.0F	7.2	7.8														
1315	5050	1050	2.14		0.28	A	--	--	--	84	5	--	--	--	--	--	--	
08/29/73	5050	63.0F	8.0	7.8														
0815	5050	1080	2.07		0.48	A	--	--	--	64.2	5	--	--	--	--	--	--	
09/28/73	5050	61.0F	9.9	8.0														
0730	5050	1400			5 E		--	--	--	5	8	--	--	--	--	--	--	
		Y4	1100.00		WARM CREEK NEAR COLTON													
10/27/72	5050	74.0F	8.6	7.2														
1200	5050	940			20 E		--	--	--	--	--	--	--	--	--	--	--	
					1.2	A	--	--	--	--	--	--	--	--	--	--	--	
02/01/73	5050	62.0F	9.3	7.2														
1040	5050	740			10 F		--	--	--	--	--	--	--	--	--	--	--	
					2.4	A	--	--	--	--	--	--	--	--	--	--	--	
		Y5	1050.10		SANTA ANA R SAN BERNARDINO RIVERSIDE CO LINE													
05/24/73	5050	64 F	8.1	7.7														
1000	5050	500			40 E		--	--	--	--	--	--	--	--	--	--	--	
					0.38	A	--	--	--	--	--	--	--	--	--	--	--	
07/26/73	5050	80.0F	7.3	7.7														
0930	5050	450			35 E		--	--	--	--	--	--	--	--	--	--	--	
					0.2	A	--	--	--	--	--	--	--	--	--	--	--	
08/29/73	5050	80.0F	6.9	7.7														
1030	5050	485			100 F		--	--	--	--	--	--	--	--	--	--	--	
					0.34	A	--	--	--	--	--	--	--	--	--	--	--	
		Y5	1100.00		SANTA ANA RIVER AT E STREET BRIDGE													
10/27/72	5050	78.0F	8.2	7.2														
1045	5050	940	2.86		21.0		--	--	--	--	--	--	--	--	--	--	--	
					3.4	A	--	--	--	--	--	--	--	--	--	--	--	
11/30/72	5050	70.0F	8.6	7.2														
1000	5050	950	2.85		23.0		--	--	--	--	--	--	--	--	--	--	--	
					3.1	A	--	--	--	--	--	--	--	--	--	--	--	
12/30/72	5050	62.0F	8.9	7.2														
1010	5050	950	2.73		26.0		--	--	--	--	--	--	--	--	--	--	--	
					0.9	A	--	--	--	--	--	--	--	--	--	--	--	
02/01/73	5050	64.0F	8.9	7.2														
1000	5050	920	2.69		25.0		--	--	--	--	--	--	--	--	--	--	--	
					0.55	A	--	--	--	--	--	--	--	--	--	--	--	
03/01/73	5050	64.0F	8.4	7.2														
1145	5050	825	1.95		45.0		--	--	--	--	--	--	--	--	--	--	--	
					0.6	A	--	--	--	--	--	--	--	--	--	--	--	
04/12/73	5050	74.0F	7.6	7.2														
1000	5050	875	1.97		28.0		--	--	--	--	--	--	--	--	--	--	--	
					3.5	A	--	--	--	--	--	--	--	--	--	--	--	
04/27/73	5050	76.0F	8.0	7.2														
1300	5050	800	1.88		34.0		--	--	--	--	--	--	--	--	--	--	--	
					2.3	A	--	--	--	--	--	--	--	--	--	--	--	
05/24/73	5050	74.0F	7.8	7.2														
1045	5050	950	1.55		33.0		--	--	--	--	--	--	--	--	--	--	--	
					1.14	A	--	--	--	--	--	--	--	--	--	--	--	
06/29/73	5050	82.0F	7.5	7.2														
1015	5050	850	0.80		37.0		--	--	--	--	--	--	--	--	--	--	--	
					1.7	A	--	--	--	--	--	--	--	--	--	--	--	
07/26/73	5050	83.0F	6.9	7.2														
0845	5050	930	1.89		1.6	A	--	--	--	--	--	--	--	--	--	--	--	
08/29/73	5050	85.0F	0.3															
1100	5050	900	1.67		3.2	A	--	--	--	--	--	--	--	--	--	--	--	
09/28/73	5050	82.0F	6.0	7.2														
1045	5050	950	1.69		4.3	A	--	--	--	--	--	--	--	--	--	--	--	
		Y6	1225.00		SANTA ANA RIVER NEAR NORCO													
10/27/72	5050	65.0F	7.8	7.4														
1230	5050	1250			50 E		--	--	--	--	--	--	--	--	--	--	--	
					0.3	B	--	--	--	--	--	--	--	--	--	--	--	
02/01/73	5050	62.0F	7.0	7.7														
1330	5050	1090			50 F		--	--	--	--	--	--	--	--	--	--	--	
					0.68	A	--	--	--	--	--	--	--	--	--	--	--	
04/27/73	5050	60.0F	7.8	7.8														
1000	5050	1050			50 F		--	--	--	--	--	--	--	--	--	--	--	
					0.66	A	--	--	--	--	--	--	--	--	--	--	--	
07/26/73	5050	90.0F	4.1	7.8														
1230	5050	1050			50 E		--	--	--	--	--	--	--	--	--	--	--	
					0.38	A	--	--	--	--	--	--	--	--	--	--	--	
		Y6	1400.00		SANTA ANA RIVER NEAR ARLINGTON													
10/27/72	5050	68.0F	6.6	7.3														
0930	5050	1150	5.92		0.7	A	--	--	--	--	--	--	--	--	--	--	--	
							--	--	--	--	--	--	--	--	--	--	--	
11/30/72	5050	64.0F	8.2	7.3														
1130	5050	1080			60 E		--	--	--	--	--	--	--	--	--	--	--	
					0.8	A	--	--	--	--	--	--	--	--	--	--	--	
12/30/72	5050	55.0F	9.4	7.3														
1130	5050	1080	3.94		0.9	A	--	--	--	--	--	--	--	--	--	--	--	
							--	--	--	--	--	--	--	--	--	--	--	
02/01/73	5050	62.0F	8.5	7.2														
							--	--	--	--	--	--	--	--	--	--	--	

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-5 (CONT.)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T+L CHLOR	SET 5		800 SUS 5	COD V SUS 5	CYANIDE PHENOLS	TOC DOC	IODIDE T ODOOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
								O+G COLOR	ML/L MG/L								
Y6 1400.00		SANTA ANA RIVER NEAR ARLINGTON										CONTINUED					
03/01/73 0920	5050 5050	60.0F 980	8.5	7.6	0.2		--	--	--	--	--	--	--	--	--	--	--
04/12/73 1130	5050 5050	77.0F 1000	7.8	7.7	70 E 0.34		--	--	--	--	--	--	--	--	--	--	--
04/27/73 1135	5050 5050	64.0F 1000	8.7	7.6	50 E 0.42 A		--	--	--	--	--	--	--	--	--	--	--
05/24/73 0900	5050 5050	65.0F 1100	8.1	7.3	0.7 A		--	--	--	--	--	--	--	--	--	--	--
06/29/73 0830	5050 5050	76.0F 1120	8.4 3.98	7.3	0.68		--	--	--	--	--	--	--	--	--	--	--
07/26/73 1030	5050 5050	81.0F 1020	8.0 4.05	7.3	0.6 A		--	--	--	--	--	--	--	--	--	--	--
08/29/73 0930	5050 5050	74.0F 1000	8.2	7.3	100 E 0.54 A		--	--	--	--	--	--	--	--	--	--	--
09/28/73 0945	5050 5050	69.0F 1100	8.4	7.2	60 E 0.72 A		--	--	--	--	--	--	--	--	--	--	--
Y7 1145.00		SAN TIMOTEO CREEK WATERMAN AVE NEAR SAN BERNARDINO															
10/27/72 1330	5050 5050	68.0F 395	10.3	9.5	1 E 1.0 A		--	--	--	--	--	--	--	--	--	--	--
02/01/73 0936	5050 5050	46.0F 640	11.4	8.3	1 E 0.12 A		--	--	--	--	--	--	--	--	--	--	--
07/26/73 0800	5050 5050	72.0F 530	7.9	8.3	2 E 0.1 A		--	--	--	--	--	--	--	--	--	--	--
Z2 1702.00		SANTA CLARA RIVER AT HWY 99															
10/04/72 0630	1101 1101	59.0F	5.6		--		--	--	--	3 R	42	--	--	--	--	--	--
11/02/72 0545	1101 1101	51.0F	7.9		--		--	--	--	5 R	2	--	--	--	--	--	--
12/01/72 0515	1101 1101	50.0F	7.9		--		--	--	--	3 R	4	--	--	--	--	--	--
01/03/73 0630	1101 1101	41.0F	8.0		--		--	--	--	4 R	25	--	--	--	--	--	--
03/07/73 0600	1101 1101	47.0F	8.2		--		--	--	--	11 R	87	--	--	--	--	--	--
04/05/73 0640	1101 1101	48.0F	10.3		--		--	--	--	1 R	8	--	--	--	--	--	--
05/04/73 0545	1101 1101	52.0F	8.8		--		--	--	--	3 R	17	--	--	--	--	--	--
06/04/73 0600	1101 1101	60.0F	7.5		--		--	--	--	2 R	16	--	--	--	--	--	--
07/03/73 0610	1101 1101	56.0F	7.4		--		--	--	--	3 R	58	--	--	--	--	--	--
08/01/73 0550	1101 1101	61.0F	7.6		--		--	--	--	3 R	23	--	--	--	--	--	--
09/06/73 0540	1101 1101	60.0F	7.8		--		--	--	--	6 R	17	--	--	--	--	--	--
Z5 1020.10		MALIBU CREEK AT PACIFIC COAST HWY															
10/04/72 0725	1101 1101	61.0F	5.7		--		--	--	--	4 R	42	--	--	--	--	--	--
11/02/72 0645	1101 1101	51.0F	8.8		--		--	--	--	1 R	6	--	--	--	--	--	--
12/01/72 0645	1101 1101	48.0F	8.6		--		--	--	--	2 R	7	--	--	--	--	--	--
01/03/73 0730	1101 1101	44.0F	10.2		--		--	--	--	2 R	14	--	--	--	--	--	--
03/07/73 0750	1101 1101	53.0F	7.9		--		--	--	--	2 R	2	--	--	--	--	--	--
04/05/73 0720	1101 1101	55.0F	11.4		--		--	--	--	3 R	10	--	--	--	--	--	--
05/04/73 0730	1101 1101	59.0F	7.4		--		--	--	--	2 R	8	--	--	--	--	--	--
06/04/73 0725	1101 1101	64.0F	6.2		--		--	--	--	1 R	11	--	--	--	--	--	--
07/03/73 0720	1101 1101	64.0F	3.6		--		--	--	--	1 R	31	--	--	--	--	--	--
08/01/73 0725	1101 1101	65.0F	1.5		--		--	--	--	1 R	10	--	--	--	--	--	--
09/06/73 0700	1101 1101	65.0F	3.0		--		--	--	--	3 R	15	--	--	--	--	--	--



TABLE D-5 (CONT.)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBA5	DEPTH TURB	T-L CHLOR	SET 5		BOO SUS S	COD SUS S	CYANIDE PHENOLS	TOC DOC	10010E T 000R	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
								O+G COLOR	ML/L MG/L								
		75	2150.00	TOPANGA CREEK ABOVE PACIFIC COAST HWY													
10/04/72	1101	60.0F	8.8							4	R	32					
0800	1101																
11/02/72	1101	50.0F	10.0							1	R	4					
0710	1101																
12/01/72	1101	49.0F	9.5							2	R	11					
0705	1101																
01/03/73	1101	43.0F	10.4							2	R	7					
0800	1101																
03/07/73	1101	48.0F	9.0							2	R	21					
0730	1101																
05/04/73	1101	56.0F	8.7							2	R	13					
0710	1101																
06/04/73	1101	62.0F	8.2							1	R	9					
0705	1101																
07/03/73	1101	60.0F	6.8							1	R	12					
0800	1101																
08/01/73	1101	61.0F	6.2							1	R	10					
0700	1101																
09/06/73	1101	62.0F	8.3							2	R	7					
0800	1101																
		75	3200.10	BALLONA CREEK AT LINCOLN BLVD													
10/18/72	1101	61.0F	2.7							5	R	111					
0710	1101																
12/15/72	1101	48.0F	6.2							10	R	74					
0615	1101																
01/15/73	1101	59.0F	4.4							4	R	104					
0655	1101																
02/20/73	1101	58.0F	4.5							3	R	132					
0610	1101																
03/21/73	1101	54.0F	5.8							7	R	54					
0540	1101																
04/19/73	1101	59.0F	2.7									95					
0700	1101																
06/18/73	1101	66.0F	1.9							6	R	218					
1101																	
07/17/73	1101	63.0F	0.8							22	R	125					
0650	1101																
08/15/73	1101	71.0F	0.3							20	R	233					
0700	1101																
09/20/73	1101	66.0F	0.9							26	R	143					
0600	1101																
		75	3230.10	CENTINELA CREEK AT CENTINELA BLVD													
10/18/72	1101	60.0F								65	R	788.0					
0700	1101																
12/15/72	1101	43.0F	8.1							18.0	R	83.0					
0630	1101																
01/15/73	1101	59.0F	5.9							2	R	20					
0635	1101																
02/20/73	1101	50.0F	8.8							11	R	208					
0630	1101																
03/21/73	1101	46.0F	10.1							6	R	120					
0635	1101																
04/19/73	1101	55.0F	11.0									52					
0635	1101																
05/18/73	1101	62.0F	5.3							4	R	107					
0605	1101																
06/18/73	1101	65.0F	2.9							23	R	23					
0630	1101																
07/17/73	1101	61.0F	4.8							16	R	242					
0633	1101																
08/15/73	1101	69.0F	4.9							8	R	66					
0640	1101																
09/20/73	1101	64.0F	4.2							7	R	61					
0620	1101																
		75	3250.10	BALLONA CREEK AT CENTINELA BLVD													
10/18/72	1101	60.0F	2.9							15	R	322					
0645	1101																
12/15/72	1101	46.0F	8.6							6	R	86					
0650	1101																
01/15/73	1101	59.0F	5.8							4	R	82					
0620	1101																
02/20/73	1101	54.0F	8.8							4	R	40					
0640	1101																

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-5 (CONT)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	OO G.H.	F-PH L-PH	DISCH MBA5	DEPTH TURB	T+L CHLOR	SET 5		800 SUS S	COD V SUS S	CYANIDE PHENOLS	TOC DOC	IODIDE T OOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
								O+G COLOR	ML/L MG/L								
25		3250.10	BALLONA CREEK AT CENTINELA 8LVD										CONTINUED				
03/21/73 0625	1101 1101	49.0F	9.7							4	R	82					
04/19/73 0625	1101 1101	55.0F	9.8									75					
05/18/73 0550	1101 1101	63.0F	5.5							7	R	61					
06/18/73 0620	1101 1101	65.0F	6.4							4	R	77					
07/17/73 0620	1101 1101	61.0F	5.5							7	R	92					
08/15/73 0630	1101 1101	69.0F	5.2							4	R	57					
09/20/73 0700	1101 1101	64.0F	4.2							7	R	138					
75		3300.00	BALLONA CREEK NR CULVER CITY (AT SAWTELLE 8LVD)														
10/18/72 0630	1101 1101	60.0F	4.1							8	R	60					
12/15/72 0710	1101 1101	50.0F	6.6							7	R	173					
01/15/73 0610	1101 1101	61.0F	5.9							7	R	32					
02/20/73 0655	1101 1101	53.0F	8.1							11	R	80					
03/21/73 0610	1101 1101	51.0F	8.3							7	R	39					
04/19/73 0610	1101 1101	56.0F	6.5									60					
05/18/73 0715	1101 1101	62.0F	5.0							10	R	53					
06/18/73 0600	1101 1101	63.0F	5.5							8	R	58					
07/17/73 0605	1101 1101	62.5F	4.1							13	R	77					
08/15/73 0620	1101 1101	69.0F	7.4							8	R	81					
09/20/73 0710	1101 1101	64.0F	5.4							10	R	43					
25		3400.00	BALLONA CREEK AT CURSON ST														
10/18/72 0750	1101 1101	64.0F	6.4							14	R	39					
12/15/72 0730	1101 1101	46.0F	9.8							10	R	12					
01/15/73 0735	1101 1101	59.0F	7.4							2	R	44					
02/20/73 0710	1101 1101	56.0F	9.9							11	R	25					
03/21/73 0715	1101 1101	53.0F	8.5							9	R	27					
04/19/73 0725	1101 1101	61.0F	12.1									24					
05/18/73 0755	1101 1101	62.0F	8.6							6	R	29					
06/18/73 0730	1101 1101	65.0F	8.3							9	R	46					
07/17/73 0720	1101 1101	65.5F	7.8							11	R	50					
08/15/73 0545	1101 1101	69.0F	5.4							6	R	59					
09/20/73 0745	1101 1101	65.0F	5.9							46	R	169					
76		1100.00	LOS ANGELES RIVER AT PACIFIC COAST HWY														
10/04/72 0945	5239 5239	68.0F	5.1					1		15.0 62	R S						
11/01/72 1050	5239 5239	60.0F	0.6					2		10.9 50	R S						
12/06/72 1000	5239 5239	54.0F	6.7					0		9.6 42	R S						
01/03/73 0915	5239 5239	55.0F	1.0					2		12.9 32	R S						
04/04/73 0945	5239 5239	58.0F	7.0					0		11.2 14	R S						
05/02/73 0950	5239 5239	59.0F	3.8					0		0.2 12	R S						

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-5 (CONT.)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	OO G.M.	F-PH L-PH	DISCH MBA5	DEPTH TURB	T+L CNLOR	SET 5		800 SUS 5	COL SUS 5	CYANIDE PHENOLS	TOC DOC	IODIDE T OOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
								O+G COLOR	ML/L MG/L								
76 1100.00 LOS ANGELES RIVER AT PACIFIC COAST HWY CONTINUED																	
06/06/73	5239	75.2F	2.7					3	--	46.1 R	--	--	--	--	--	--	--
1115	5239							--	--	39 5	--	0.12	--	--	--	--	--
07/11/73	5239	68.0F	1.6					3	--	12.7 R	--	--	--	--	--	--	--
1045	5239							--	--	26 5	--	0.00	--	--	--	--	--
08/01/73	5239	62.0F	3.5					3	--	9.8 R	--	--	--	--	--	--	--
1115	5239							--	--	33 5	--	0.00	--	--	--	--	--
09/05/73	5239	69.8F	0.9					2	--	8.2 R	--	--	--	--	--	--	--
1000	5239							--	--	13 5	--	0.00	--	--	--	--	--
76 1120.10 LOS ANGELES RIVER AT WILLOW STREET																	
10/04/72	1101	63.0F	3.5					--	--	15 8	93	--	--	--	--	--	--
0620	1101							--	--	--	--	--	--	--	--	--	--
11/02/72	1101	52.0F	6.4					--	--	11 8	22	--	--	--	--	--	--
0635	1101							--	--	--	--	--	--	--	--	--	--
12/01/72	1101	47.0F	7.7					--	--	7 8	21	--	--	--	--	--	--
0720	1101							--	--	--	--	--	--	--	--	--	--
01/03/73	1101	45.0F	6.4					--	--	8 8	39	--	--	--	--	--	--
0700	1101							--	--	--	--	--	--	--	--	--	--
03/07/73	1101	51.0F	7.8					--	--	18 8	44	--	--	--	--	--	--
0545	1101							--	--	--	--	--	--	--	--	--	--
04/05/73	1101	51.0F	8.4					--	--	17 8	47	--	--	--	--	--	--
0640	1101							--	--	--	--	--	--	--	--	--	--
05/04/73	1101	63.0F	5.4					--	--	15 8	142	--	--	--	--	--	--
0700	1101							--	--	--	--	--	--	--	--	--	--
06/04/73	1101	65.0F	5.0					--	--	7 8	51	--	--	--	--	--	--
0555	1101							--	--	--	--	--	--	--	--	--	--
07/03/73	1101	68.5F	3.3					--	--	15 8	89	--	--	--	--	--	--
0630	1101							--	--	--	--	--	--	--	--	--	--
08/01/73	1101	70.0F	2.7					--	--	14 8	117	--	--	--	--	--	--
0645	1101							--	--	--	--	--	--	--	--	--	--
09/06/73	1101	64.0F	4.4					--	--	14 8	54	--	--	--	--	--	--
0545	1101							--	--	--	--	--	--	--	--	--	--
76 1250.00 LOS ANGELES RIVER AT FIRESTONE RLVO																	
10/04/72	1101	60.0F	5.7					--	--	12 8	55	--	--	--	--	--	--
0700	1101							--	--	--	--	--	--	--	--	--	--
11/02/72	1101	50.0F	8.1					--	--	3 8	43	--	--	--	--	--	--
0705	1101							--	--	--	--	--	--	--	--	--	--
12/01/72	1101	49.0F	11.2					--	--	3 8	25	--	--	--	--	--	--
0620	1101							--	--	--	--	--	--	--	--	--	--
01/03/73	1101	46.0F	7.5					--	--	9 8	38	--	--	--	--	--	--
0735	1101							--	--	--	--	--	--	--	--	--	--
04/05/73	1101	10.5						--	--	8 8	48	--	--	--	--	--	--
0715	1101							--	--	--	--	--	--	--	--	--	--
05/04/73	1101	8.0						--	--	8 8	167	--	--	--	--	--	--
0690	1101							--	--	--	--	--	--	--	--	--	--
06/04/73	1101	5.9						--	--	6 8	33	--	--	--	--	--	--
0625	1101							--	--	--	--	--	--	--	--	--	--
07/03/73	1101	69.5F	5.7					--	--	9 8	54	--	--	--	--	--	--
0705	1101							--	--	--	--	--	--	--	--	--	--
08/01/73	1101	72.0F	8.8					--	--	5 8	64	--	--	--	--	--	--
0600	1101							--	--	--	--	--	--	--	--	--	--
09/06/73	1101	66.0F	6.6					--	--	5 8	29	--	--	--	--	--	--
0615	1101							--	--	--	--	--	--	--	--	--	--
76 1259.10 LOS ANGELES RIVER AT DOWNEY RO																	
10/04/72	1101	60.0F	7.4					--	--	12 8	44	--	--	--	--	--	--
0740	1101							--	--	--	--	--	--	--	--	--	--
11/02/72	1101	51.0F	10.5					--	--	6 8	22	--	--	--	--	--	--
0725	1101							--	--	--	--	--	--	--	--	--	--
12/01/72	1101	48.0F	16.2					--	--	4 8	21	--	--	--	--	--	--
0830	1101							--	--	--	--	--	--	--	--	--	--
01/03/73	1101	45.0F	7.1					--	--	5 8	29	--	--	--	--	--	--
1101								--	--	--	--	--	--	--	--	--	--
03/07/73	1101	50.0F	9.7					--	--	17 8	69	--	--	--	--	--	--
0645	1101							--	--	--	--	--	--	--	--	--	--
04/05/73	1101	52.0F	8.9					--	--	7 8	38	--	--	--	--	--	--
0610	1101							--	--	--	--	--	--	--	--	--	--
05/04/73	1101	61.0F	9.6					--	--	7 8	33	--	--	--	--	--	--
0800	1101							--	--	--	--	--	--	--	--	--	--
06/04/73	1101	66.0F	5.4					--	--	13 8	33	--	--	--	--	--	--
0705	1101							--	--	--	--	--	--	--	--	--	--
07/03/73	1101	69.0F	3.2					--	--	7 8	60	--	--	--	--	--	--
0555	1101							--	--	--	--	--	--	--	--	--	--
08/01/73	1101	72.0F	10.5					--	--	7 8	57	--	--	--	--	--	--
1101								--	--	--	--	--	--	--	--	--	--

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-5 (CONT)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBA5	DEPTH TURB	T+L CHLOR	SET 5		80D SUS 5	CDD SUS 5	CYANIDE PHENOLS	TOC ODC	IODIDE T ODOR	BROHIDE SULFITE	T SULF D SULF	CC EXT CA EXT
								O+G COLOR	ML/L MG/L								
76 1259.10		LOS ANGELES RIVER AT DOWNEY RD										CONTINUED					
09/06/73 0645	1101 1101	65.0F	6.2		--		--	--	--	21	R	85	--	--	--	--	--
76 1272.10		LOS ANGELES RIVER AT SIXTH STREET															
10/04/72 0630	1101 1101	63.0F	4.2		--		--	--	--	7	R	46	--	--	--	--	--
11/02/72 0730	1101 1101	54.0F	9.7		--		--	--	--	5	R	30	--	--	--	--	--
12/01/72 0635	1101 1101	52.0F	6.1		--		--	--	--	4	R	18	--	--	--	--	--
01/03/73 0800	1101 1101	48.0F	8.0		--		--	--	--	21	R	72	--	--	--	--	--
03/07/73 0735	1101 1101	53.0F	9.1		--		--	--	--	11	R	48	--	--	--	--	--
04/05/73 0615	1101 1101	50.0F	8.4		--		--	--	--	6	R	34	--	--	--	--	--
05/04/73 0700	1101 1101	61.0F	4.8		--		--	--	--	12	R	38	--	--	--	--	--
06/04/73 0625	1101 1101	62.0F	3.7		--		--	--	--	6	R	30	--	--	--	--	--
07/03/73 0715	1101 1101	69.0F	5.5		--		--	--	--	11	R	93	--	--	--	--	--
08/01/73 0740	1101 1101	70.0F	6.4		--		--	--	--	5	R	49	--	--	--	--	--
09/06/73 0700	1101 1101	62.0F	5.2		--		--	--	--	7	R	38	--	--	--	--	--
76 1316.10		LOS ANGELES RIVER AT LOS FELIZ BLVD															
10/04/72 0515	1101 1101	63.0F	2.3		--		--	--	--	10	R	30	--	--	--	--	--
11/02/72 0700	1101 1101	50.0F	7.3		--		--	--	--	8	R	11	--	--	--	--	--
12/01/72 0530	1101 1101	47.0F	5.8		--		--	--	--	6	R	14	--	--	--	--	--
01/03/73 0700	1101 1101	50.0F	7.1		--		--	--	--	19	R	29	--	--	--	--	--
03/07/73 0710	1101 1101	52.0F	9.1		--		--	--	--	9	R	51	--	--	--	--	--
04/05/73 0520	1101 1101	48.0F	6.9		--		--	--	--	5	R	29	--	--	--	--	--
05/04/73 0730	1101 1101	58.0F	5.9		--		--	--	--	6	R	62	--	--	--	--	--
06/04/73 0530	1101 1101	62.0F	5.3		--		--	--	--	8	R	33	--	--	--	--	--
07/03/73 0630	1101 1101	66.0F	5.4		--		--	--	--	8	R	62	--	--	--	--	--
08/01/73 0730	1101 1101	70.0F	6.4		--		--	--	--	5	R	42	--	--	--	--	--
09/06/73 0630	1101 1101	60.0F	6.2		--		--	--	--	4	R	23	--	--	--	--	--
76 1365.00		LOS ANGELES RIVER AT TUJUNGA AVE															
10/04/72 0540	1101 1101	59.0F	7.4		--		--	--	--	6	R	51	--	--	--	--	--
11/02/72 0640	1101 1101	45.0F	9.7		--		--	--	--	5	R	15	--	--	--	--	--
12/01/72 0605	1101 1101	45.0F	7.3		--		--	--	--	13	R	46	--	--	--	--	--
01/03/73 0700	1101 1101	48.0F	8.9		--		--	--	--	4	R	36	--	--	--	--	--
03/07/73 0645	1101 1101	50.0F	9.7		--		--	--	--	6	R	59	--	--	--	--	--
04/05/73 0550	1101 1101	48.0F	8.3		--		--	--	--	6	R	21	--	--	--	--	--
05/04/73 0800	1101 1101	61.0F	6.9		--		--	--	--	6	R	38	--	--	--	--	--
06/04/73 0600	1101 1101	6.7			--		--	--	--	5	R	33	--	--	--	--	--
07/03/73 0540	1101 1101	65.0F	5.3		--		--	--	--	7	R	50	--	--	--	--	--
08/01/73 0710	1101 1101	67.0F	6.4		--		--	--	--	10	R	61	--	--	--	--	--
09/06/73 0600	1101 1101	60.0F	7.6		--		--	--	--	6	R	31	--	--	--	--	--

MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T+L CHLOR	SET S		800 SUS S	COD V SUS 5	CYANIDE PHENOLS	TOC DOC	IODIDE T DOOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT	
								D+G COLOR	ML/L MG/L									
26 3025.10		DOMINGUEZ CHANNEL AT ANAHEIM ST																
10/04/72 0712	1101 1101	67.0F	3.8							4 R	146							
11/02/72 0700	1101 1101	61.0F	4.3							1 R	318							
12/01/72 0630	1101 1101	59.0F	2.6							2 R	131							
01/03/73 0615	1101 1101	55.0F	4.9							1 R	133							
03/07/73 0630	1101 1101	54.0F	1.6							3 R	159							
04/05/73 0600	1101 1101	60.0F	5.5							3 R	148							
06/04/73 0600	1101 1101	65.0F	3.8							2 R	118							
07/02/73 1101	1101 1101	65.0F	3.9							2 R	77							
08/01/73 0715	1101 1101	73.0F	4.6							4 R	77							
09/06/73 1101	1101 1101	67.0F	4.8							5 R	150							
26 3075.10		DOMINGUEZ CHANNEL AT WILMINGTON AVE.																
10/04/72 0655	1101 1101	69.0F	4.7							15 R	150							
11/02/72 0640	1101 1101	61.0F	3.9							3 R	114							
12/01/72 0700	1101 1101	57.0F	4.4							5 R	138							
01/03/73 0650	1101 1101	54.0F	4.1							2 R	111							
03/07/73 0645	1101 1101	58.0F	3.6							9 R	129							
04/05/73 0630	1101 1101	60.0F	3.3							4 R	167							
05/04/73 0740	1101 1101	59.0F	4.4							5 R	146							
06/04/73 0545	1101 1101	66.0F	4.1							4 R	120							
07/02/73 1101	1101 1101		4.4							5 R	77							
08/01/73 1101	1101 1101		7.1							4 R	91							
09/06/73 1101	1101 1101		5.0							6 R	189							
26 3127.10		DOMINGUEZ CHANNEL 1000 FT. ABOVE VERMONT AVE.																
10/04/72 0625	1101 1101	63.0F	4.6							18 R	198							
11/02/72 0615	1101 1101	52.0F	7.3							26 R	81							
12/01/72 0730	1101 1101	48.0F	6.9							16 R	56							
01/03/73 0740	1101 1101	46.0F	7.0							34 R	36							
03/07/73 0730	1101 1101	52.0F	4.9							15 R	42							
04/05/73 0715	1101 1101	50.0F	7.4							30 R	87							
05/04/73 0815	1101 1101	59.0F	9.4							23 R	117							
06/04/73 0520	1101 1101	62.0F	3.8							13 R	75							
07/02/73 1101	1101 1101	68.0F	3.4							12 R	96							
08/01/73 0850	1101 1101	74.0F	12.4							11 R	75							
09/06/73 1101	1101 1101	67.0F	1.4							26 R	19							
26 3130.10		DOMINGUEZ CHANNEL BELOW VERMONT AVE.																
10/04/72 0640	1101 1101	69.0F	1.6							14 R	156							
11/02/72 0605	1101 1101	55.0F	6.9							10 R	110							
12/01/72 0715	1101 1101	50.0F	7.4							12 R	131							

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE U-5 (CONT)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	NO G.H.	F-PH L-PH	DISCH MBA5	DEPTH TURB	T+L CHLOR	SET 5		ROO SUS 5	COO V SUS 5	CYANIDE PHENOLS	TOC ODC	IODIDE T OOR	BROMIDE SULFITE	T SULF O SULF	CC EXT CA EXT
								O+G ML/L COLOR	MG/L								
26 3130.10		DOMINGUEZ CHANNEL BELOW VERMONT AVE.															
CONTINUED																	
01/03/73 0720	1101 1101	50.0F	5.5							16	R	11A					
03/07/73 0715	1101 1101		5.7							17	R	112					
04/05/73 0715	1101 1101	52.0F	7.2							30	B	142					
05/04/73 0805	1101 1101	58.0F	4.4							34	R	1A8					
06/04/73 0525	1101 1101	64.0F	0.2							12	R	106					
07/02/73 1101	1101 1101		1.4							11	R	100					
08/01/73 0845	1101 1101	72.0F	4.3							12	R	76					
09/06/73 1101	1101 1101	70.0F	0.0							6	R	209					
76 9745.10		RIO HONDO RIVER AT RIO HONDO SPREADING GROUNDS															
10/18/72 0700	1101 1101	63.0F	6.3							3	R	41					
12/15/72 1101	1101 1101	46.0F	10.0							2	R	16					
01/15/73 0700	1101 1101	58.0F	8.1							12	R	40					
02/20/73 1101	1101 1101	55.0F	7.8							7	R	63					
03/21/73 0600	1101 1101	53.0F	7.8							5	R	23					
04/19/73 1101	1101 1101	60.0F	8.4									4					
05/18/73 1101	1101 1101	65.0F	7.5							5	R	25					
06/18/73 0600	1101 1101	65.5F	6.7							4	R	31					
07/17/73 1101	1101 1101	61.0F	7.5							3	R	26					
08/15/73 1101	1101 1101	72.0F	5.5							4	R	28					
09/17/73 0820	1101 1101	70.0F	6.6							3	R	17					
77 5126.10		RIO HONDO RIVER AT POMONA FWY															
10/18/72 0630	1101 1101	60.0F	2.0							4	R	45					
12/15/72 0600	1101 1101	45.0F	7.7							4	R	3					
01/15/73 0630	1101 1101	58.0F	4.1							6	R	26					
02/20/73 0600	1101 1101	50.0F	9.2							3	R	12					
03/21/73 0515	1101 1101	47.0F	3.5							1	R	7					
04/19/73 0615	1101 1101	59.0F	5.4									32					
05/18/73 1101	1101 1101	65.0F	3.1							10	R	74					
06/18/73 0515	1101 1101	65.0F	5.3							3	R	19					
08/15/73 0600	1101 1101	70.0F	1.6							5	R	60					
09/20/73 0640	1101 1101	65.0F	2.6							4	R	40					
77 7050.00		SAN JOSE CREEK AT WORKMAN MILL RD															
03/21/73 0800	1101 1101	47.0F	9.8							3	R	40					
04/19/73 1101	1101 1101		8.0									149					
05/18/73 0805	1101 1101	62.0F	8.4									38					
06/18/73 0845	1101 1101	66.0F	8.8							23	R	50					
07/17/73 0700	1101 1101	64.0F	4.5							19	R	46					
08/15/73 0735	1101 1101	66.0F	4.3							15	R	68					

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MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PN L-PH	DISCH MBAS	DEPTH TURB	T+L CMLOR	SET 5		BOD SUS S	COD SUS S	CYANIDE PHENOLS	TOC OOC	IODIDE T ODOR	BROMIDE SULFITE	T SULF D SULF	CC EXT CA EXT
								O+G COLOR	ML/L MG/L								
		27	7050.00	SAN JOSE CREEK AT WORKMAN MILL RD													CONTINUED
09/20/73	1101	66.0F	7.0							18	R	45					
1035	1101																
		28	1060.10	SAN GABRIEL RIVER AT PACIFIC COAST HWY													
10/18/72	1101	77.0F	5.5							2	B	107					
0730	1101																
12/15/72	1101	73.0F	6.0							5	B	55					
0640	1101																
02/20/73	1101	72.0F	6.4							2	R	162					
0730	1101																
03/21/73	1101	72.0F	5.7							6	R	87					
0700	1101																
04/19/73	1101	71.0F	6.1									113					
0645	1101																
05/18/73	1101		5.4							6	R	89					
0800	1101																
06/18/73	1101	77.0F	5.5							3	R	232					
0700	1101																
07/17/73	1101	82.0F	5.1							1	R	131					
0615	1101																
08/15/73	1101	78.0F	5.0							3	R	101					
0700	1101																
09/20/73	1101	75.0F	5.4							3	R	104					
0700	1101																
		2R	1165.10	COYOTE CREEK AT WILLOW STREET													
10/04/72	1101	63.0F	3.1		0.38 L			3		1R	R			0.002			
0610	1101																
10/18/72	1101	63.0F	4.6					1		4	R	62					
1101																	
12/15/72	1101	41.0F	6.7					55		17	R	67					
0615	1101																
01/15/73	1101	55.0F	4.1					7		6	R	37					
0625	1101																
02/20/73	1101	53.0F	8.3					2		8	R	29					
0650	1101																
03/21/73	1101	49.0F	8.6					3		12	R	40					
0615	1101																
04/19/73	1101	55.0F	5.8					1				60					
0615	1101																
05/18/73	1101	65.0F	5.1					3		R	R	87					
0620	1101																
06/18/73	1101	63.0F	4.7					0		6	R	56					
0630	1101																
07/17/73	1101	71.0F	6.9							150	R	366					
0700	1101																
08/15/73	1101	68.0F	3.7							124	R	445					
0615	1101																
09/20/73	1101	69.0F	4.7							1	R	49					
0615	1101					0.4											
		2R	1225.10	SAN GABRIEL RIVER AT WILLOW STREET													
10/04/72	1101	75.0F	6.7		0.54 L			9		13	R			0.000			
0600	1101																
10/18/72	1101	77.0F	6.8					2		3	R	66					
0615	1101																
12/15/72	1101	60.0F	8.4					1		2		43					
0600	1101																
01/15/73	1101	64.0F	7.2					1		4	R	64					
0615	1101																
02/20/73	1101	64.0F	4.5					2		6	R	66					
0640	1101																
03/21/73	1101	59.0F	7.1					4		0	R	67					
0600	1101																
04/19/73	1101	65.0F	6.2					5				48					
0600	1101																
05/18/73	1101	70.0F	7.4									74					
0600	1101																
06/18/73	1101	66.0F	6.5					1		10	R	71					
0610	1101																
07/17/73	1101	73.0F	4.5							3	R	92					
0650	1101																
08/15/73	1101	67.0F	6.9							16	R	79					
0600	1101																
09/20/73	1101	73.0F	7.2							1	B	92					
0610	1101																

SEE PAGE 334 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-5 (CONT)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	OO G.H.	F-PH L-PH	DISCH MBS	DEPTH TURB	T+L CHLOR	SET 5		BOO SUS S	COO V SUS S	CYANIDE PHENOLS	TOC OOC	10010E T OOR	BROMIDE SULFITE	T SULF O SULF	CC EXT CA EXT
								O+G COLOR	ML/L MG/L								
28 1276.10		COYOTE CREEK AT OEL AMO BLVO															
10/18/72	1101 1101	56.0F	13.7							3	R	37					
12/15/72	1101 0715	48.0F	5.9							7	R	21					
01/15/73	1101 0600	54.0F	3.7							13	R	52					
02/20/73	1101 0555	52.0F	8.1							4	R	38					
03/21/73	1101 0620	48.0F	9.9							10	R	28					
04/19/73	1101 0600	55.0F	5.8									24					
05/18/73	1101 0600	60.0F	5.9							8	R	113					
06/18/73	1101 0950	72.0F	13.4							6	R	48					
07/17/73	1101 0945	67.0F	3.4							41	R	108					
08/15/73	1101 0600	67.0F	3.2							106	R	201					
09/20/73	1101 0920	66.0F	4.8							29	R	138					
28 1326.10		COYOTE CREEK AT VALLEY VIEW AVE															
10/18/72	1101 1101	59.0F	9.8							33	R	132					
12/28/72	1101 0730	49.0F	8.3							27	R	15					
01/15/73	1101 0630	54.0F	4.6							5	R	16					
02/20/73	1101 0620	50.0F	9.8							2	R	41					
03/21/73	1101 0640	46.0F	11.0							19	R	13					
04/19/73	1101 0630	54.0F	5.2							0	R	8					
05/18/73	1101 0625	61.0F	5.9							6	R	115					
06/18/73	1101 0920	70.0F	8.3							5	R	52					
07/17/73	1101 0610	64.0F	3.5							7	R	52					
08/15/73	1101 0625	66.0F	4.2							13	R	58					
09/20/73	1101 0945	66.0F	7.5							5	R	37					
28 1427.10		COYOTE CREEK NORTH FORK AT LEFFINGWELL RD															
10/18/72	1101 1101	55.0F	10.5							5	R	12					
12/15/72	1101 0750	43.0F	10.7							3	R	8					
01/15/73	1101 0700	52.0F	4.4							4	R	12					
02/20/73	1101 0700	53.0F	0.0							3	R	27					
03/21/73	1101 0700	52.0F	10.0							4	R	33					
04/19/73	1101 0700	62.0F	8.4									8					
05/18/73	1101 0720	62.0F	8.8							8	R	73					
06/18/73	1101 0900	74.0F	13.1							11	R	46					
07/17/73	1101 0620	70.0F	3.5							5	R	33					
08/15/73	1101 0655	71.0F	10.5							12	R	66					
09/20/73	1101 1005	69.0F	13.9							6	R	24					

TABLE D-5 (CONT)

## MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.H.	F-PH L-PH	DISCH MBAS	DEPTH TURB	T+L CHLOR	SET S		BOD SUS S	COD SUS S	CYANIDE PHENOLS	TOC DOC	IOOIDE T OOR	BROMIDE SULFITE	T SULF O SULF	CC EXT CA EXT
								O+G COLOR	ML/L MG/L								
		28 1700.00		SAN GABRIEL RIVER AT THE HEADWORKS													
03/21/73 0515	1101 1101	48.0F	7.8				--	--	--	17	R	89	--	--	--	--	--
04/19/73 0530	1101 1101	59.0F	7.3				--	--	--	--		8	--	--	--	--	--
05/18/73 1101	1101 1101		8.1				--	--	--	--		4	--	--	--	--	--
06/18/73 0540	1101 1101		7.2				--	--	--	4	R	27	--	--	--	--	--
07/17/73 1101	1101 1101		9.3				--	--	--	3	R	16	--	--	--	--	--
08/15/73 0800	1101 1101	72.0F	7.4				--	--	--	2	R	37	--	--	--	--	--
09/17/73 0850	1101 1101	67.0F	7.9				--	--	--	5	R	7	--	--	--	--	--
		28 1780.00		SAN GABRIEL RIVER AT BEVERLY BLVD													
12/15/72 1101	1101 1101	45.0F	10.4				--	--	--	4	R	9	--	--	--	--	--
01/15/73 0715	1101 1101	53.0F	8.5				--	--	--	4	R	12	--	--	--	--	--
02/20/73 1101	1101 1101	52.0F	8.3				--	--	--	9	R	21	--	--	--	--	--
03/21/73 0540	1101 1101	51.0F	6.3				--	--	--	20	R	57	--	--	--	--	--
04/19/73 0710	1101 1101	61.0F	8.4				--	--	--	--		8	--	--	--	--	--
05/18/73 0715	1101 1101	63.0F	7.9				--	--	--	10	R	37	--	--	--	--	--
06/18/73 0530	1101 1101	63.0F	7.1				--	--	--	6	R	8	--	--	--	--	--
07/17/73 0600	1101 1101	63.0F	6.5				--	--	--	2	R	21	--	--	--	--	--
09/20/73 0710	1101 1101	67.0F	6.6				--	--	--	4	P	76	--	--	--	--	--
		28 5170.00		R10 HONOO RIVER NEAR OOWNEY													
10/14/72 0745	1101 1101	59.0F					--	--	--	8	R	87	--	--	--	--	--
01/15/73 0745	1101 1101	56.0F	8.5				--	--	--	12	R	68	--	--	--	--	--
02/20/73 0800	1101 1101	48.0F	11.6				--	--	--	7	R	40	--	--	--	--	--
03/21/73 0630	1101 1101	42.0F	10.1				--	--	--	10	R	29	--	--	--	--	--
04/19/73 1101	1101 1101	60.0F	11.5				--	--	--	--		68	--	--	--	--	--
05/18/73 1101	1101 1101	63.0F	5.8				--	--	--	18	R	106	--	--	--	--	--
06/18/73 0630	1101 1101	61.0F	4.5				--	--	--	25	R	106	--	--	--	--	--
07/17/73 0645	1101 1101	59.0F	4.8				--	--	--	5	R	0	--	--	--	--	--
08/15/73 0730	1101 1101	68.0F	11.4				--	--	--	5	R	28	--	--	--	--	--
09/20/73 0745	1101 1101	62.0F	7.7				--	--	--	17	R	168	--	--	--	--	--



TABLE D-6

## NUTRIENT ANALYSIS OF SURFACE WATER

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
G.H.	- Instantaneous gage height in feet above an established datum
Q	- Instantaneous discharge in cubic feet per second
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
TURB	- Jackson Turbidity Units measured with a Hallege Turbidimeter (E) or a Hach Nephelometer (A)
CO <sub>2</sub>	- Field determination of carbon dioxide in milligrams per liter
pH	- Measure of acidity or alkalinity of water
EC	- Electrical conductance in micromhos at 25° C
HCO <sub>3</sub>	- Bicarbonate in milligrams per liter
CO <sub>3</sub>	- Carbonate in milligrams per liter

Nitrogen Series as N

NO <sub>2</sub>	- Unfiltered nitrite
NH <sub>3</sub>	- Unfiltered ammonia
NO <sub>3</sub>	- Unfiltered nitrate
ORG N	- Organic nitrogen
DIS	- Dissolved organic nitrogen
ORG N	
NH <sub>3</sub> + ORG N	- Ammonia plus organic nitrogen
CaCO <sub>3</sub> P	- Carbonate alkalinity as calcium carbonate
CaCO <sub>3</sub> T	- Carbonate plus bicarbonate alkalinity as calcium carbonate

Phosphorus Series as P

DIS	- Dissolved acid hydrolyzable phosphate
A.H.PO <sub>4</sub>	
F H <sub>3</sub> PO <sub>4</sub>	- Filtered phosphoric acid
U H <sub>3</sub> PO <sub>4</sub>	- Unfiltered phosphoric acid
F TOT P	- Filtered total phosphorus
U TOT P	- Unfiltered total phosphorus

The LAB and SAMPLER codes are as follows:

1101	- Los Angeles County Flood Control District
4412	- The Metropolitan Water District of Southern California
5000	- U. S. Geological Survey
5050	- Department of Water Resources
5101	- San Bernardino County Flood Control District
5229	- City of San Diego Water Department
5411	- United Water Conservation District

TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD LABORATORY PH	FIELD EC	NUTRIENT ANALYSIS OF SURFACE WATER				NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER				F U	TDT TOT	P P	REM
						TURB F-CO2	CAC03 CAC03	P T	LAB MCO3 CO3	NH3 NH3	ND2 ND3	F ORG U ORG	N N				
		V2 1882.50	TWIN LAKES AT OUTLET BELDW DAM. STATION NO. 3														
10/11/72	5050		42	F	7.7						0.00	--	--		0.00	--	
1045	5050	7 E	0			103				0.00	0.03	0.06	0.06	0.02	--	0.04	
		V2 1883.00	LAKE MAMIE AT OUTLET ABOVE DAM														
10/11/72	5050		44	F	6.9						0.00	--	--		0.00	--	
1015	5050	5 E	0			40				0.00	0.03	0.08	0.08	0.02	--	0.03	
		V2 1884.00	LAKE MARY AT OUTLET BELDW DAM														
10/10/72	5050		46	F	7.0						0.00	--	--		0.00	--	
1435	5050	1.5	0			40				0.00	0.00	0.08	0.08	0.01	--	0.03	
		V2 1884.05	LAKE GEORGE AT END OF BOAT DOCK														
10/10/72	5050		48	F	7.0						0.00	--	--		0.00	--	
1410	5050					25				0.00	0.05	0.06	0.06	0.01	--	0.03	
		V2 1884.10	LAKE GEORGE OVERFLOW NEAR LAKE MARY														
10/10/72	5050		45	F	7.0						0.00	--	--		0.00	--	
1500	5050	1 E	0			38				0.00	0.00	0.04	0.04	0.01	--	0.02	
		V2 1884.35	COLO WATER CREEK AT LAKE MARY														
10/10/72	5050		40	F	7.0						0.00	--	--		0.00	--	
1525	5050	1 F	0			55				0.00	0.03	0.03	0.03	0.02	--	0.03	
		V2 1884.40	MAMMOTH CREEK AT LAKE MARY														
10/10/72	5050		41	F	6.9						0.00	--	--		0.00	--	
1545	5050	0.5	0			49				0.00	0.00	0.08	0.08	0.01	--	0.03	
		V9 1580.00	MOJAVE RIVER NR HELENALE														
01/11/73	5101				7.7	659			196	--	--	--	--	--	--	--	
									0	--	1.4	--	--	--	--	--	
		V9 1620.00	MOJAVE RIVER NEAR VICTORVILLE														
11/29/72	5050	3.23	60.0	F	7.7	460			181	--	--	--	--	--	0.33	--	
1315	5050	31.0			7.7	459			0	--	--	--	--	--	--	--	
01/11/73	5101				8.0	480			179	--	--	--	--	--	--	--	
									0	--	1.7	--	--	--	--	--	
01/31/73	5050	3.17	54.0	F	7.8	420			175	--	--	--	--	--	0.22	--	
1320	5050	34.0			7.8	446			0	--	--	--	--	--	--	--	
04/26/73	5050		80.0	F	7.7	260			113	--	--	--	--	--	0.2	--	
1315	5050	122.0			7.7	288			0.0	--	--	--	--	--	--	--	
07/25/73	5050		89.0	F	8.4	465			184	--	--	--	--	--	0.7	--	
1245	5050	13.0			7.5	530			0.0	--	--	--	--	--	--	--	
		V9 2235.10	LAKE GREGORY														
10/26/72	5101				7.2	196			80	--	--	--	--	--	--	--	
1300									0	--	0.4	--	--	--	--	--	
05/15/73	5101				6.4	166			63	--	--	--	--	--	--	--	
									0	--	0.5	--	--	--	--	--	
		V9 2240.00	SEELEY CR NR CEDAR SPRINGS														
10/26/72	5101				6.9	268			90	--	--	--	--	--	--	--	
1100									0	--	0.9	--	--	--	--	--	
		V9 2250.00	MOJAVE RIVER E. FORK OF THE W. FORK														
05/15/73	5101				7.5	181			77	--	--	--	--	--	--	--	
									0	--	0.4	--	--	--	--	--	
		W2 1560.00	COLORADO RIVER NEAR TOPOCK														
11/01/72	5000				7.8	1130			149	--	0.00	--	--	--	--	--	
0920		8790							0	--	0.24	--	--	--	--	--	
12/01/72	5000		13.0	C					154	--	0.00	--	--	--	--	--	
1210		8500			7.6	1120			0	--	0.29	--	--	--	--	--	
01/04/73	5000		9.5	C					157	--	0.00	--	--	--	--	--	
1130		10480			8.2	1130			0	--	0.29	--	--	--	--	--	
03/01/73	5000				8.2	1140			167	--	0.00	--	--	--	--	--	
1220		10460							0	--	0.37	--	--	--	--	--	
04/02/73	5000				8.3	1120			159	--	0.00	--	--	--	--	--	
1015		9240							0	--	0.32	--	--	--	--	--	
05/01/73	5000		14.0	C					160	--	0.01	--	--	--	--	--	
0915		14900			8.0	1110			0	--	0.08	--	--	--	--	--	
06/14/73	5000		16.0	C					163	--	0.01	--	--	--	--	--	
1050		14250			7.5	1100			0	--	0.61	--	--	--	--	--	
07/03/73	5000				7.9	1110			153	--	0.01	--	--	--	--	--	
1200		17370							0	--	0.28	--	--	--	--	--	
08/01/73	5000		19.0	C					153	--	0.00	--	--	--	--	--	
1100		17540			7.5	1090			0	--	0.27	--	--	--	--	--	
09/04/73	5000		20.0	C					152	--	0.01	--	--	--	--	--	
1130		12920			8.1	1110			0	--	0.17	--	--	--	--	--	

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD		NUTRIENT ANALYSIS OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER					
				LABORATORY PH	FIELD EC	TURB F-CO2	CACD3 P	MC03 I	MC03 CO3	NH3	N02 NO3	F ORG N U ORG N	F (NH3 + U ORG N)	DIS A.H.P04	F H3P04 U H3P04	F TOT P U TOT P
W2 1775.10 COLDRAO RIVER BELOW PARKER DAM																
11/05/72	5000							159								
1200		9300		7.6	1120			0	--	0.01	--	--	--	--	--	--
								0	--	0.22	--	--	--	--	--	--
12/03/72	5000							157		0.01	--	--	--	--	--	--
1100		4410		7.4	1150			0	--	0.22	--	--	--	--	--	--
01/07/73	5000							157		0.00	--	--	--	--	--	--
1115		8830		8.0	1150			0	--	0.34	--	--	--	--	--	--
02/04/73	5000							163		0.01	--	--	--	--	--	--
0945		9310		8.3	1150			0	--	0.30	--	--	--	--	--	--
04/01/73	5000							158		0.00	--	--	--	--	--	--
0845		16160		8.1	1060			0	--	0.41	--	--	--	--	--	--
05/06/73	5000							162		0.03	--	--	--	--	--	--
1130		18200		7.6	1140			0	--	0.33	--	--	--	--	--	--
06/03/73	5000							168		0.05	--	--	--	--	--	--
0900		9000		7.9	1110			0	--	0.33	--	--	--	--	--	--
08/05/73	5000							177		0.00	--	--	--	--	--	--
0910		15900		7.6	1140			0	--	1.0	--	--	--	--	--	--
W2 1975.00 COLORADO R. INDIAN RES. MAIN CANAL NEAR PARKER																
11/06/72	5000							152		0.02	--	--	--	--	--	--
1240				7.5	1130			0	--	0.20	--	--	--	--	--	--
12/04/72	5000		14.5C					159		0.01	--	--	--	--	--	--
1240				7.5	1150			0	--	0.21	--	--	--	--	--	--
02/12/73	5000		11.0C					164		0.01	--	--	--	--	--	--
1350				8.1	1160			0	--	0.28	--	--	--	--	--	--
03/05/73	5000							166		0.02	--	--	--	--	--	--
1110				8.0	1120			0	--	0.37	--	--	--	--	--	--
04/02/73	5000		16.0C					158		0.00	--	--	--	--	--	--
1000				8.2	1080			0	--	0.43	--	--	--	--	--	--
04/30/73	5000		18.5C					162		0.01	--	--	--	--	--	--
1305		1230		8.1	1140			0	--	0.09	--	--	--	--	--	--
06/04/73	5000		23.0C					165		0.01	--	--	--	--	--	--
0915				7.9	1120			0	--	0.28	--	--	--	--	--	--
07/02/73	5000		23.5C					157		0.01	--	--	--	--	--	--
0920				7.9	1120			0	--	0.26	--	--	--	--	--	--
07/30/73	5000		24.0C					153		0.02	--	--	--	--	--	--
0920		1250		7.6	1110			0	--	0.19	--	--	--	--	--	--
09/04/73	5000		24.5C					149		0.00	--	--	--	--	--	--
1010				7.9	1100			0	--	0.09	--	--	--	--	--	--
W2 1985.05 COLORADO R. AQUEDUCT UPPER FEEDER AT LA VERNE																
12/00/72	4412		57.0F			2A<		150		0.004	--	--	--	--	--	--
				8.3	1150			1	0.036	0.2	0.302	0.33A	--	--	--	--
W7 1400.00 COLORADO RIVER BELOW CIBOLA VALLEY																
11/06/72	5000							171		0.01	--	--	--	--	--	--
0900				7.4	1290			0	--	0.30	--	--	--	--	--	--
12/04/72	5000							198		0.00	--	--	--	--	--	--
0900				7.4	1430			0	--	0.29	--	--	--	--	--	--
01/02/73	5000							179		0.00	--	--	--	--	--	--
0930		7480		8.2	1410			0	--	0.43	--	--	--	--	--	--
02/11/73	5000		11.5C					193		0.01	--	--	--	--	--	--
0935		6800		8.2	1490			0	--	0.32	--	--	--	--	--	--
03/05/73	5000		15.0C					181		0.00	--	--	--	--	--	--
1400		8590		8.2	1300			0	--	0.38	--	--	--	--	--	--
04/02/73	5000		14.5C					179		0.00	--	--	--	--	--	--
1340				8.1	1280			0	--	0.59	--	--	--	--	--	--
04/30/73	5000		20.0C					172		0.01	--	--	--	--	--	--
0835		10700		7.8	1260			0	--	0.06	--	--	--	--	--	--
06/04/73	5000		26.0C					212		0.00	--	--	--	--	--	--
1300		7130		7.9	1580			0	--	0.27	--	--	--	--	--	--
07/30/73	5000		26.0C					177		0.00	--	--	--	--	--	--
1100		11500		7.8	1340			0	--	0.15	--	--	--	--	--	--
09/04/73	5000		26.5C					184		0.01	--	--	--	--	--	--
1115		4660		8.2	1430			0	--	0.13	--	--	--	--	--	--
W7 1600.00 COLORADO RIVER AT IMPERIAL DAM																
10/11/72	5000									--	--	--	--	0.02	--	--
5000		3650								--	--	--	--	--	--	--
10/18/72	5000									--	--	--	--	0.00	--	--
5000		3560								--	--	--	--	--	--	--
10/25/72	5000									--	--	--	--	0.01	--	--
5000		3390								--	--	--	--	--	--	--
11/01/72	5000							188		0.00	--	--	--	0.02	--	--
5000		5430		7.7	1410			0	--	0.21	--	--	--	--	--	--
11/08/72	5000							177		0.0	--	--	--	0.0	--	--
5000		6330		8.0	1380			0	--	0.2	--	--	--	--	--	--

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.H. D15CH.	TEMP DEPTH	FIELD LABORATORY PH	FIELD EC	NUTRIENT ANALYSIS OF SURFACE					WATER NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER												
						TURB F-CO2	CAC03 CAC03	P T	MC03 CO3	NH3	NO2 NO3	F U	ORG ORG	N N	F U	(NH3 NH3	D15 Δ.H.P04	F U	H3P04 H3P04	F U	TOT TOT	P P	REM
		W7 1600.00	COLORADO RIVER AT IMPERIAL DAM			CONTINUED																	
11/22/72	5000								203													0.0	--
	5000	3330		7.1	1560				0	--												1.8	--
12/06/72	5000								183													0.00	--
	5000	6070		7.6	1430				0	--												0.26	--
12/13/72	5000								177													0.00	--
	5000	6670		8.3	1340				0	--												0.29	--
12/20/72	5000								183													0.00	--
	5000	6080		8.2	1410				0	--												0.28	--
12/27/72	5050	2.0R	54.0F	8.1	1500				188													--	--
	1330	5050	5090.0	8.1	1403				0	--												--	--
01/03/73	5000								179													0.00	--
	5000	7210		8.1	1350				0	--												0.33	--
01/10/73	5000								177													0.00	--
	5000	7220		8.3	1350				0	--												0.32	--
02/10/73	5000								179													0.00	--
	5000	5320		8.1	1380				0	--												0.33	--
02/20/73	5000								186													0.00	--
	5000	5900		8.3	1390				0	--												0.29	--
03/01/73	5000								189													0.01	--
	5000	6430		8.1	1370				0	--												0.26	--
03/10/73	5000								176													0.00	--
	5000	8160		8.2	1250				0	--												0.32	--
03/20/73	5000								181													0.00	--
	5000	8630		8.1	1300				0	--												0.27	--
03/27/73	5050	2.30	60.0F	8.0	1150				170													--	--
	1045	5050	10910.0	8.0	1211				0.0	--												--	--
03/30/73	5000								170													0.00	--
	5000	11440		8.1	1220				0	--												0.32	--
04/10/73	5000								172													0.00	--
	5000	11720		8.0	1210				0	--												0.22	--
04/20/73	5000								179													0.00	--
	5000	11000	19.0C	8.0	1280				0	--												0.27	--
04/30/73	5000								175													0.00	--
	5000	10260		8.2	1290				0	--												0.25	--
05/10/73	5000								178													0.00	--
	5000	9888		8.0	1300				0	--												0.05	--
05/20/73	5000								181													0.00	--
	5000	8397		7.7	1320				0	--												0.23	--
06/01/73	5000								183													0.00	--
	5000	8290		8.0	1350				0	--												0.08	--
06/11/73	5000								182													0.00	--
	5000	9010		8.1	1290				0	--												0.20	--
06/20/73	5000								182													0.00	--
	5000	8650		7.8	1300				0	--												0.21	--
06/26/73	5050	2.25	84.0F	8.1	1300				174													--	--
	1100	5050	9770.0	8.0	1323				0	--												--	--
06/30/73	5000								176													0.00	--
	5000	9410		8.1	1300				0	--												0.15	--
07/30/73	5000								166													0.00	--
	5000	10730		8.2	1260				0	--												0.21	--
08/10/73	5000								168													0.00	--
	5000	10240		8.2	1300				0	--												0.13	--
08/20/73	5000								138													0.00	--
	5000	8910		8.1	1260				0	--												0.17	--
09/25/73	5050								162													--	--
	0700	5050	8970.0	75.0F	8.1	1300			0	--												--	--
				8.1	1286				0	--												--	--
		W7 1905.00	PALO VERDE CANAL NEAR BLYTHE																				
11/06/72	5000								155													0.01	--
	1100								0	--												0.23	--
12/04/72	5000								163													0.00	--
	1110		14.0C						0	--												0.25	--
02/12/73	5000								163													0.01	--
	1145								0	--												0.54	--
03/05/73	5000								170													0.14	--
	0850		13.0C						0	--												0.52	--
04/02/73	5000								163													0.00	--
	0840		14.5C						0	--												0.45	--
04/30/73	5000								163													0.01	--
	1100		19.5C						0	--												0.06	--
06/04/73	5000								172													0.00	--
	0730		23.5C						0	--												0.28	--
07/02/73	5000								162													0.11	--
	0700		24.5C						0	--												0.43	--

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.H. DISECH.	TEMP DEPTH	FIELD		FIELD		FIELD		FIELD		FIELD		FIELD		FIELD		FIELD		FIELD		FIELD	
				LABORATORY PH	EC	TURB F-CO2	CAC03 CAC03	P T	MC03 CO3	NH3	NUTRIENT NO2	F U	ORG ORG	N N	F U	(NH3 (NH3	D15 A.H.P04	F U	H3P04 H3P04	F U	TOT TOT	P P	REM
W7 1905.00 PALO VERDE CANAL NEAR BLYTHE CONTINUED																							
07/30/73	5000		25.5C																				
0705		1870		7.9	1120				153				0.04	--	--								
									0	--			0.34	--	--								
09/04/73	5000		24.0C						149				0.00	--	--								
0745				7.9	1120				0	--			0.10	--	--								
W9 2205.10 ROSE DRAIN AT THE ALAMO RIVER																							
12/27/72	5050	0.80	48.0F	8.3	6900				347				--	--							0.56	--	
0830	5050	37.8		7.6	5804				0	--			--	--							--	--	
03/26/73	5050	1.56	62.0F	7.8	3200				207				--	--							1.11	--	
1345	5050	103.5		7.7	3229				0	--			--	--							--	--	
06/26/73	5050	1.04	77.0F	7.7	4300				226				--	--							0.28	--	
0600	5050	56.4		8.0	4521				0.0	--			--	--							--	--	
09/25/73	5050	1.58	71.0F	7.7	3550				218				--	--							0.33	--	
1100	5050	105.5		7.9	3716				0.0	--			--	--							--	--	
W9 2250.10 CENTRAL DRAIN AT THE ALAMO RIVER																							
12/27/72	5050	0.84	54.0F	7.7	6600				245				--	--							1.3	--	
0930	5050	45.0		7.2	5519				0	--			--	--							--	--	
03/26/73	5050	1.68	59.0F	7.7	2650				173				--	--							0.86	--	
1630	5050	154.0		7.5	2734				0.0	--			--	--							--	--	
06/26/73	5050	1.11	80.0F	7.7	3100				211				--	--							0.55	--	
0700	5050	69.0		7.4	3160				0.0	--			--	--							--	--	
09/25/73	5050	1.58	72.0F	7.7	3250				197				--	--							0.65	--	
1200	5050	136.0		7.2	3344				0.0	--			--	--							--	--	
X4 1200.00 SAN DIEGUITO RIVER AT LAKE HOGGES																							
10/03/72	5229								8A												0.0	--	
5229				8.2	2570				0.0	--			0.1	--	--						--	0.0	
11/07/72	5229								19A												0.0	--	
5229				8.2	2660				0.0	--			0.0	--	--						--	0.0	
12/05/72	5229								1A<												0.0	--	
5229				8.0	1950				0.0	--			0.2	--	--						--	0.1	
01/05/73	5229								7A<												0.0	--	
5229				8.0	1780				0.0	--			0.2	--	--						--	0.1	
02/06/73	5229								8A<												0.0	--	
5229				8.2	1660				0.0	--			1.6	--	--						--	0.0	
03/06/73	5229								4A<												0.0	--	
5229				8.1	1580				0.0	--			0.9	--	--						--	0.1	
04/03/73	5229								3A>												0.0	--	
5229				7.8	1490				0.0	--			0.8	--	--						--	0.2	
05/08/73	5229								7A												0.0	--	
5229				8.1	1550				0.0	--			0.5	--	--						--	0.2	
06/05/73	5229								5A												0.0	--	
5229				8.1	1420				0.0	--			0.4	--	--						--	0.3	
07/13/73	5229								7A												0.0	--	
5229				8.0	1700				0.0	--			0.3	--	--						--	0.2	
08/07/73	5229								7A												0.0	--	
5229				8.2	1720				0.0	--			0.3	--	--						--	0.1	
09/11/73	5229								5A												0.2	--	
5229				8.3	1790				0	--			0.5	--	--						--	0.2	
X4 2500.00 SANTA YSABEL CREEK AT SUTHERLAND DAM																							
11/07/72	5229								3A<												0.0	--	
5229				8.5	535				6.0	--			0.2	--	--						--	0.0	
05/15/73	5229								4A												0.0	--	
5229				9.6	397				40.8	--			0.3	--	--						--	0.0	
X4 3400.05 ESCONIDO CREEK NEAR HARMONY GROVE																							
12/28/72	5050		56.0F	7.4	2090								--	--							6.4	--	
1120	5050	7 F											--	--							--	--	
04/11/73	5050		66.0F	7.4	2000								--	--							5.5	--	
1130	5050	5 F											--	--							--	--	
06/27/73	5050		76.0F	7.4	2000								--	--							7.2	--	
1020	5050	12 F											--	--							--	--	
09/26/73	5050		70.0F	7.4	1950								--	--							7.7	--	
1015	5050	10 F											--	--							--	--	
X5 1160.00 ALVARADO CANYON AT MURRAY DAM																							
10/31/72	5229								2A<												0.0	--	
5229				8.3	1145				0.0	--			0.0	--	--						--	0.0	
05/01/73	5229								2A<												0.0	--	
5229				8.3	1118				0.0	--			0.1	--	--						--	0.0	
08/03/73	5229								1A<												0.0	--	
5229				8.3	1065				0.0	--			0.1	--	--						--	0.0	

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.M. DISCH.	TEMP DEPTH	FIELD LABORATORY		NUTRIENT ANALYSIS OF SURFACE FIELD LAB				WATER NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER				F TDT P	P REN	
				PH	EC	TURB F-CO2	CAC03 CAC03	P T	HC03 CO3	NH3	NO2 NO3	F U	ORG N			F U
XS 1320.00		SAN VICENTE CREEK AT SAN VICENTE DAM														
01/02/73	5229			8.1	1110	1A<		144 0.0		--	--	--			0.0	--
03/27/73	5229			8.5	1048	2A		120 9.6	--	--	--			0.0	--	0.0
07/02/73	5229			8.8	982	3A<		87 14.0	--	--	--			0.0	--	0.0
XS 1520.00		SAN DIEGO RIVER AT EL CAPITAN DAM														
01/02/73	5229			8.4	1035	4A<		188 4.8	--	--	--			0.0	--	0.0
03/27/73	5229			8.5	765	5A		128 9.6	--	--	--			0.0	--	0.0
07/02/73	5229			8.7	757	3A<		153 0.0	--	--	--			0.0	--	0.0
XS 1990.10		ALVARADO FILTRATION PLANT BELOW MURRAY RESERVOIR														
10/00/72	5229			8.2	1115	1A<		144 0.0	--	--	--		0.0	--	--	--
11/00/72	5229			8.2	1129	1A<		146 0.0	--	--	--		0.0	--	--	--
12/00/72	5229			8.2	1116	1A<		149 0.0	--	--	--		0.0	--	--	--
01/00/73	5229			8.2	1128	1A<		149 0.0	--	--	--		0.0	--	--	--
02/00/73	5229			8.2	1115	1A<		148 0.0	--	--	--		0.0	--	--	--
03/00/73	5229			8.2	1105	1A<		149 0.0	--	--	--		0.0	--	--	--
04/00/73	5229			8.2	1089	1A<		149 0.0	--	--	--		0.0	--	--	--
05/00/73	5229			8.2	1111	1A<		154 0.0	--	--	--		0.0	--	--	--
06/00/73	5229			8.2	1072	1A<		149 0.0	--	--	--		0.0	--	--	--
07/00/73	5229			8.2	950	1A<		153 0.0	--	--	--		0.0	--	--	--
08/00/73	5229			8.2	965	1A<		131 0.0	--	--	--		0.0	--	--	0.0
09/00/73	5229			8.1	1018	1A<		144 0.0	--	--	--		0.0	--	--	0.0
XS 6200.10		MIRAMAP RESERVOIR NEAR MIRAMAP														
04/30/73	5229			8.4	1145	1A<		115 8.4	--	--	--		0.0	--	--	0.0
07/31/73	5229			8.4	1052	1A<		90 3.6	--	--	--		0.0	--	--	0.0
XS 6990.10		MIRAMAP FILTRATION PLANT BELOW MIRAMAP														
10/00/72	5229			8.2	1097	1A<		148 0.0	--	--	--		0.0	--	--	0.0
11/00/72	5229			8.2	1138	1A<		150 0.0	--	--	--		0.0	--	--	0.0
12/00/72	5229			8.2	1150	1A<		137 0.0	--	--	--		0.0	--	--	0.0
01/00/73	5229			8.2	1112	1A<		142 0.0	--	--	--		0.0	--	--	0.0
02/00/73	5229			8.1	1129	1A<		157 0.0	--	--	--		0.0	--	--	0.0
03/00/73	5229			8.2	1090	1A<		148 0.0	--	--	--		0.0	--	--	0.0
04/00/73	5229			8.2	1110	1A<		134 0.0	--	--	--		0.0	--	--	0.0
05/00/73	5229			8.2	1113	1A<		155 0.0	--	--	--		0.0	--	--	0.0
06/00/73	5229			8.2	1085	1A<		154 0.0	--	--	--		0.3	--	--	0.3
07/00/73	5229			8.2	1062	1A<		154 0.0	--	--	--		0.0	--	--	0.0
08/00/73	5229			8.2	1056	1A<		149 0.0	--	--	--		0.0	--	--	0.0
09/00/73	5229			8.2	1037	1A<		150 0.0	--	--	--		0.0	--	--	0.0



TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD LABORATORY PH	NUTRIENT ANALYSIS OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER					F TOT P	U TOT P	REM
					TURB	CAC03 P	MC03	NO2	F ORG N	F (NH3 +	015	F H3PO4	F TOT P	U TOT P			
				EC	F-CO2	CAC03 T	CO3	NH3	NO3	U ORG N	U ORG N	A, H, P04	U H3PO4	U TOT P			
X7 1300.00 OTAY RIVER AT SAVAGE DAM (LOWER OTAY RESERVOIR)																	
04/30/73	5229					3A<	166	--	--	--	--	--	0.0	--			
			8.3	740			0	--	0.1	--	--	--	--	0.0	--		0.0
07/31/73	5229					1A>	138	--	--	--	--	--	0.0	--			
			8.7	717			14.4	--	0.3	--	--	--	--	0.0	--		0.0
X7 1320.10 OTAY RIVER AT UPPER OTAY RESERVOIR																	
01/30/73	5229					5A	131	--	--	--	--	--	0.0	--			
	5229		7.9	1002			0.0	--	0.6	--	--	0.0	--	--			
02/27/73	5229					6A	113	--	--	--	--	--	0.0	--			
	5229		8.5	900			8.4	--	1.0	--	--	0.0	--	--			
08/30/73	5229					2A<	154	--	--	--	--	--	0.0	--			
	5229		7.9	765			0.0	--	0.1	--	--	0.0	--	--			
X7 1990.10 LOWER OTAY FILTRATION PLANT BELOW LOWER OTAY RES.																	
10/00/72	5229					1A<	137	--	--	--	--	--	0.0	--			
	5229		8.4	1013			3.6	--	0.1	--	--	0.0	--	--			
11/00/72	5229					1A<	159	--	--	--	--	--	0.0	--			
	5229		8.3	1037			0.0	--	0.6	--	--	0.0	--	--			
12/00/72	5229					1A<	181	--	--	--	--	--	0.0	--			
	5229		8.3	925			0.0	--	0.2	--	--	0.0	--	--			
01/00/73	5229					1A<	155	--	--	--	--	--	0.0	--			
	5229		8.2	973			0.0	--	0.0	--	--	0.0	--	--			
02/00/73	5229					1A<	161	--	--	--	--	--	0.0	--			
	5229		8.3	985			0.0	--	0.2	--	--	0.0	--	--			
03/00/73	5229					1A<	150	--	--	--	--	--	0.0	--			
	5229		8.3	952			0.0	--	0.2	--	--	0.0	--	--			
04/00/73	5229					1A<	151	--	--	--	--	--	0.0	--			
	5229		8.3	907			0.0	--	0.3	--	--	0.0	--	--			
05/00/73	5229					1A<	159	--	--	--	--	--	0.0	--			
	5229		8.3	1025			0.0	--	0.2	--	--	0.0	--	--			
06/00/73	5229					1A<	156	--	--	--	--	--	0.0	--			
	5229		8.3	1005			0.0	--	0.5	--	--	0.0	--	--			
07/00/73	5229					1A<	160	--	--	--	--	--	0.0	--			
	5229		8.3	998			0.0	--	0.2	--	--	0.0	--	--			
08/00/73	5229					1A<	144	--	--	--	--	--	0.0	--			
	5229		8.4	959			7.2	--	0.1	--	--	0.0	--	--			
09/00/73	5229					1A<	151	--	--	--	--	--	0.0	--			
	5229		8.3	1025			0.0	--	0.5	--	--	0.0	--	--			
X8 2210.00 COTTONWOOD CREEK AT BARRETT DAM																	
11/27/72	5229					7A<	239	--	--	--	--	--	0.0	--			
			8.4	846			9.6	--	0.2	--	--	--	--	0.0	--		0.0
06/01/73	5229					5A<	178	--	--	--	--	--	0.1	--			
			7.8	584			0	--	0.0	--	--	--	--	0.1	--		0.1
X8 2430.00 COTTONWOOD CREEK AT MORENA DAM																	
11/30/72	5229					5A>	325	--	--	--	--	--	0.2	--			
			7.9	902			0.0	--	2.8	--	--	--	--	0.2	--		0.2
06/01/73	5229					6A>	260	--	--	--	--	--	0.0	--			
			8.5	795			15.6	--	0.0	--	--	--	--	0.0	--		0.2
Y1 1550.00 SANTA ANA RIVER BELOW PRADD DAM																	
10/27/72	5050	2.29	60.0F	7.7	1240			--	--	--	--	--	4.4	--			
	0815	5050						--	--	--	--	--	--	--			
11/30/72	5050	2.27	58.0F	7.7	1200			--	--	--	--	--	3.9	--			
	1400	5050						--	--	--	--	--	--	--			
12/14/72	5101																
			7.5	1263			312	--	10.4	--	--	--	--	--			
							0	--	--	--	--	--	--	--			
12/30/72	5050	2.30	49.0F	7.7	1200			--	--	--	--	--	2.8	--			
	1320	5050						--	--	--	--	--	--	--			
02/01/73	5050	2.67	54.0F	7.7	1350			--	--	--	--	--	2.2	--			
	1400	5050						--	--	--	--	--	--	--			
03/01/73	5050	2.81	52.0F	7.2	740			--	--	--	--	--	1.6	--			
	0800	5050						2.4	--	--	--	--	--	--			
04/12/73	5050	2.71	61.0F	7.4	900			--	--	--	--	--	1.9	--			
	1345	5050						--	--	--	--	--	--	--			
04/27/73	5050	2.74	60.0F	7.6	975			--	--	--	--	--	2.44	--			
	0900	5050						--	--	--	--	--	--	--			
05/24/73	5050	2.60	61.0F	7.6	1425			--	--	--	--	--	4.1	--			
	0730	5050						--	--	--	--	--	--	--			
06/07/73	5101																
	1100		7.8	1153			339	--	4.5	--	--	--	--	--			
							0	--	--	--	--	--	--	--			
06/29/73	5050	2.17	67.0F	7.8	1130			--	--	--	--	--	2.44	--			
	0700	5050						--	--	--	--	--	--	--			
07/26/73	5050	2.14	78.0F	7.8	1050			--	--	--	--	--	2.9	--			
	1315	5050						--	--	--	--	--	--	--			
08/29/73	5050	2.07	63.0F	7.8	1080			--	--	--	--	--	2.28	--			
	0815	5050						--	--	--	--	--	--	--			

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TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.W. D15CM.	TEMP DEPTH	FIELD		NUTRIENT ANALYSIS OF SURFACE WATER							NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER				
				LABORATORY PH	EC	TURB	CAC03 T	P C03	MC03 NH3	N02	F N03	N	F (NH3 U ORG N)	D15	F H3PO4	F H3PO4	F TOT P
Y6 1110.00		SANTA ANA RIVER AT AUBURN BRIDGE NEAR CORONA															
12/14/72	5101			7.3	1159			295 0	--	--	8.4	--	--	--	--	--	--
06/07/73	5101 1000			7.9	1138			312 0	--	--	5.9	--	--	--	--	--	--
Y6 1225.00		SANTA ANA RIVER NEAR NORCO															
10/27/72	5050 1230	50 F	65.0F	7.4	1250				--	--	--	--	--	--	--	3.9	--
12/14/72	5101			7.3	1178			283 0	--	--	9.7	--	--	--	--	--	--
02/01/73	5050 1330	50 F	62.0F	7.7	1090				--	--	--	--	--	--	--	3.42	--
04/27/73	5050 1000	50 F	60.0F	7.8	1050				--	--	--	--	--	--	--	3.74	--
05/31/73	5101 1545			7.4	1075			279 0	--	--	8.4	--	--	--	--	--	--
07/26/73	5050 1230	50 F	90.0F	7.8	1050				--	--	--	--	--	--	--	3.5	--
Y6 1400.00		SANTA ANA RIVER NEAR ARLINGTON															
10/27/72	5050 0930	5.92	68.0F	7.3	1150				--	--	--	--	--	--	--	3.7	--
11/30/72	5050 1130	60 F	64.0F	7.3	1080				--	--	--	--	--	--	--	4.7	--
12/14/72	5101			7.6	1104			281 0	--	--	7.0	--	--	--	--	--	--
12/30/72	5050 1130	3.94	55.0F	7.3	1080				--	--	--	--	--	--	--	3.8	--
02/01/73	5050 1140	3.67	62.0F	7.2	1050				--	--	--	--	--	--	--	4.97	--
03/01/73	5050 0920		60.0F	7.6	980				--	--	--	--	--	--	--	1.9	--
04/12/73	5050 1130	70 F	77.0F	7.7	1000				--	--	--	--	--	--	--	2.36	--
04/27/73	5050 1135	50 F	64.0F	7.6	1000				--	--	--	--	--	--	--	2.4	--
05/24/73	5050 0900		65.0F	7.3	1100				--	--	--	--	--	--	--	4.6	--
05/31/73	5101 1445			7.5	1093			295 0	--	--	7.2	--	--	--	--	--	--
06/29/73	5050 0830	3.98	76.0F	7.3	1120				--	--	--	--	--	--	--	1.92	--
07/26/73	5050 1030	4.05	81.0F	7.3	1020				--	--	--	--	--	--	--	4.2	--
08/29/73	5050 0930	100 F	74.0F	7.3	1000				--	--	--	--	--	--	--	5.2	--
09/28/73	5050 0945	60 F	69.0F	7.2	1100				--	--	--	--	--	--	--	4.3	--
Y7 1145.00		SAN TIMOTEO CREEK WATERMAN AVE NEAR SAN BERNARDINO															
10/27/72	5050 1330	1 F	68.0F	9.5	395				--	--	--	--	--	--	--	0.24	--
02/01/73	5050 0930	1 F	46.0F	11.4	640				--	--	--	--	--	--	--	0.01	--
07/26/73	5050 0800	2 F	72.0F	8.3	530				--	--	--	--	--	--	--	0.3	--
72 1702.00		SANTA CLARA RIVER AT HWY 99															
10/04/72	1101 0630		59.0F	8.0	1860			454 0	0.1	--	6.2	--	--	--	--	--	--
11/02/72	1101 0545		51.0F	8.0	1670			414 0	0.0	--	6.8	--	--	--	--	--	--
12/01/72	1101 0515		50.0F	8.0	1880			437 0	0.0	--	8.1	--	--	--	--	--	--
01/03/73	1101 0630		41.0F	8.3	1890			433 0	0.0	--	7.7	--	--	--	--	--	--
03/07/73	1101 0600		47.0F		1580			384 0	0.1	--	--	--	--	--	--	--	--
05/04/73	1101 0545		52.0F	8.1	1360			339 0	0.0	--	8.7	--	--	--	--	--	--
06/04/73	1101 0600		60.0F	8.2	1600			417 0	0.0	--	8.6	--	--	--	--	--	--
07/03/73	1101 0610		56.0F	7.8	1370			392 0	0.0	--	8.6	--	--	--	--	--	--
08/01/73	1101 0550		61.0F	8.3	1260			367 0	0.4	--	9.0	--	--	--	--	--	--

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.M. DISCH.	TEMP DEPTH	FIELD		FIELD		LAB MC03 C03	NH3	NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER							
				LABORATORY PH	EC	TURB F-C02	CAC03 P T			NO2 NO3	F ORG N U ORG N	(NH3 + N)	O15 A.M.P04	F H3PO4 U H3PO4	F TOT P U TOT P	REM	
		22 1702.00			SANTA CLARA RIVER AT HWY 99						CONTINUED						
09/06/73 0540	1101 1101		60.0F	8.1	1420			400 0	0.0	8.6	--	--	--	--	--	--	
		72 3240.00			PIRU CREEK RELOW SANTA FELICIA DAM												
07/31/73	5411			7.6	915			185 0	--	0.	--	--	--	--	--	--	
		22 3375.00			PIRU LAKE NEAR PIRU												
03/20/73	5411			7.7	883			163 0	--	0.	--	--	--	--	--	--	
07/02/73	5411			7.3	922			174 0	--	0.	--	--	--	--	--	--	
07/31/73	5411			7.7	995			174 0	--	0.	--	--	--	--	--	--	
09/04/73 1130	5411 1130			7.7	1017			181 0	--	0.	--	--	--	--	--	--	
		75 1020.10			MALIBU CREEK AT PACIFIC COAST HWY												
10/04/72 0725	1101 1101		61.0F	8.3	2040			425 0	0.0	0.0	--	--	--	--	--	--	
11/02/72 0645	1101 1101		51.0F	8.2	2140			407 0	0.0	1.4	--	--	--	--	--	--	
12/01/72 0645	1101 1101		48.0F	8.3	2040			377 0	0.0	3.4	--	--	--	--	--	--	
01/03/73 0730	1101 1101		44.0F	8.5	2000			367 19	0.0	13.5	--	--	--	--	--	--	
03/07/73 0750	1101 1101		53.0F	8.4	935			276 4	0.0	3.7	--	--	--	--	--	--	
04/05/73 0720	1101 1101		55.0F	8.3	1260			321 0	0.0	2.8	--	--	--	--	--	--	
05/04/73 0730	1101 1101		59.0F	8.1	1460			376 0	0.0	2.0	--	--	--	--	--	--	
06/04/73 0725	1101 1101		64.0F	8.3	1690			375 0	0.0	3.0	--	--	--	--	--	--	
07/03/73 0720	1101 1101		64.0F	7.9	1840			379 0	0.0	2.2	--	--	--	--	--	--	
08/01/73 0725	1101 1101		65.0F	8.2	1740			388 0	0.0	0.0	--	--	--	--	--	--	
09/06/73 0700	1101 1101		65.0F	8.1	1830			393 0	0.0	0.0	--	--	--	--	--	--	
		75 2150.00			TOPANGA CREEK ABOVE PACIFIC COAST HWY												
10/04/72 0800	1101 1101		60.0F	8.3	1590			319 0	0.0	0.0	--	--	--	--	--	--	
11/02/72 0710	1101 1101		50.0F	8.3	1680			325 0	0.0	0.0	--	--	--	--	--	--	
12/01/72 0705	1101 1101		49.0F	8.3	1650			323 0	0.0	0.0	--	--	--	--	--	--	
01/03/73 0900	1101 1101		43.0F	8.3	1590			322 0	0.0	0.0	--	--	--	--	--	--	
03/07/73 0730	1101 1101		48.0F	8.3	1150			270 0	0.1	2.3	--	--	--	--	--	--	
04/05/73 0745	1101 1101		53.0F	8.2	1420			383 0	0.0	7.8	--	--	--	--	--	--	
05/04/73 0710	1101 1101		56.0F	8.2	1660			343 0	0.0	0.0	--	--	--	--	--	--	
06/04/73 0705	1101 1101		62.0F	8.2	1610			318 0	0.0	0.0	--	--	--	--	--	--	
07/03/73 0800	1101 1101		60.0F	8.0	1490			315 0	0.0	0.7	--	--	--	--	--	--	
08/01/73 0700	1101 1101		61.0F	8.1	1380			318 0	0.0	0.0	--	--	--	--	--	--	
09/06/73 0800	1101 1101		62.0F	8.3	1360			320 0	0.0	0.0	--	--	--	--	--	--	
		75 3200.10			BALLONA CREEK AT LINCOLN BLVD												
10/18/72 0710	1101 1101		61.0F	8.0	40300			208 0	0.0	0.0	--	--	--	--	--	--	
12/15/72 0615	1101 1101		48.0F	7.8	17400			292 0	1.5	0.3	--	--	--	--	--	--	
01/15/73 0655	1101 1101		59.0F	7.8	21600			291 0	0.5	0.8	--	--	--	--	--	--	
02/20/73 0610	1101 1101		58.0F	8.0	32700			252 0	0.2	--	--	--	--	--	--	--	
03/21/73 0540	1101 1101		54.0F	8.1	19800			164 0	0.7	0.9	--	--	--	--	--	--	
04/19/73 0700	1101 1101		59.0F	8.1	20600			284 0	1.0	0.9	--	--	--	--	--	--	

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.M. DISCH.	TEMP DEPTH	FIELD LABORATORY		NUTRIENT ANALYSIS OF SURFACE WATER					CONSTITUENTS IN MILLIGRAMS PER LITER					F TOT P	U TOT P REM		
				PH	EC	TURB F-CO2	CAC03 P	CAC03 T	HCO3 CO3	NH3	NUTRIENT NO2 NO3	F ORG N	F NH3 U ORG N	DIS A.H.P04	F H3PO4 U H3PO4				
		25	3300.00	BALLONA CREEK NR CULVER CITY (AT SAWTELLE BLVD)		CONTINUED													
08/15/73	1101		69.0F																
0620	1101			8.1	3860				311										
									0	2.9	2.1								
09/20/73	1101		64.0F						339										
0710	1101			8.2	2790				0	0.5	3.8								
		75	3400.00	BALLONA CREEK AT CURSON ST															
10/18/72	1101		64.0F						299										
0750	1101			8.6	1700				27	1.9	3.1								
12/15/72	1101		46.0F						347										
0730	1101			8.0	1420				0	4.3	0.5								
01/15/73	1101		59.0F						324										
0735	1101			8.4	1110				22	0.0	2.3								
02/20/73	1101		56.0F						429										
0710	1101			8.4	1430				16	0.0	2.9								
03/21/73	1101		53.0F						346										
0715	1101			8.3	1250				0	0.5	4.5								
04/19/73	1101		61.0F						237										
0725	1101			8.9	1320				48	0.0	2.5								
05/18/73	1101		62.0F						259										
0755	1101			8.3	1150				0	0.7	4.5								
06/18/73	1101		65.0F						315										
0730	1101			8.7	1100				0	0.2	2.6								
07/17/73	1101		65.5F						242										
0720	1101			8.7	1640				27	0.0	2.5								
08/15/73	1101		69.0F						453										
0545	1101			8.2	1250				0	0.0	1.4								
09/20/73	1101		65.0F						436										
0745	1101			8.2	1130				0	4.9	0.0								
		76	1120.10	LOS ANGELES RIVER AT WILLOW STREET															
10/04/72	1101		63.0F						280										
0620	1101			8.5	1450				0	0.0	2.5								
11/02/72	1101		52.0F						313										
0635	1101			8.3	1430				0	0.0	2.7								
12/01/72	1101		47.0F						255										
0720	1101			8.0	1370				0	0.5	4.8								
01/03/73	1101		45.0F						260										
0700	1101			8.4	1440				6	1.5	5.2								
03/07/73	1101		51.0F						81										
0545	1101			7.7	306				0	0.0	1.8								
04/05/73	1101		51.0F						153										
0640	1101			9.0	1410				35	0.0	2.4								
05/04/73	1101		63.0F						130										
0700	1101			9.0	1300				58	0.0	0.6								
06/04/73	1101		65.0F						150										
0555	1101			9.0	1210				43	0.0	1.9								
07/03/73	1101		68.5F						217										
0630	1101			8.6	1320				24	0.0	1.3								
08/01/73	1101		70.0F						256										
0645	1101			8.4	1340				5	0.1	1.1								
09/06/73	1101		64.0F						263										
0545	1101			8.2	1330				0	0.0	2.4								
		76	1250.00	LOS ANGELES RIVER AT FIRESTONE ALVO															
10/04/72	1101		60.0F						302										
0700	1101			8.2	1400				0	0.8	4.3								
11/02/72	1101		50.0F						281										
0705	1101			8.1	1480				0	0.2	4.8								
12/01/72	1101		49.0F						260										
0620	1101			7.8	1420				0	1.9	5.1								
01/03/73	1101		46.0F						264										
0735	1101			8.3	1410				0	3.6	4.9								
04/05/73	1101		69.0F						194										
0715	1101			8.4	1470				32	0.0	2.5								
05/04/73	1101		69.0F						296										
0600	1101			7.9	1340				0	0.0	1.5								
06/04/73	1101		69.0F						214										
0625	1101			7.9	1460				0	0.0	2.1								
07/03/73	1101		69.5F						236										
0705	1101			8.3	1320				9	1.0	2.9								
08/01/73	1101		72.0F						227										
0600	1101			8.4	1290				15	0.6	1.6								
09/06/73	1101		66.0F						190										
0615	1101			8.0	1580				0	1.4	2.7								

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD				NUTRIENT ANALYSIS OF SURFACE WATER			NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER					
				LABORATORY PH	EC	TURB F-CO2	CAC03 CAC03	P T	NO2 NO3	F ORG N U ORG N	F (NH3) U ORG N	D15 A.M.P04	F H3PO4 U H3PO4	F TOT P U TOT P	REM	
76 1259.10 LOS ANGELES RIVER AT DOWNEY RD																
10/04/72	1101		60.0F						292		--	--	--	--	--	--
0740	1101			8.1	1490				0	1.4	4.2	--	--	--	--	--
11/02/72	1101		51.0F						279		--	--	--	--	--	--
0725	1101			8.1	1500				0	0.0	4.7	--	--	--	--	--
12/01/72	1101		48.0F						239		--	--	--	--	--	--
0830	1101			8.4	1510				15	2.9	5.5	--	--	--	--	--
01/03/73	1101		45.0F						259		--	--	--	--	--	--
	1101			8.1	1420				0	4.1	5.2	--	--	--	--	--
03/07/73	1101		50.0F						100		--	--	--	--	--	--
0645	1101			8.1	545				0	0.3	2.3	--	--	--	--	--
04/05/73	1101		52.0F						265		--	--	--	--	--	--
0610	1101			8.4	1500				7	0.0	3.4	--	--	--	--	--
05/04/73	1101		61.0F						290		--	--	--	--	--	--
0800	1101			8.3	1420				0	0.0	2.4	--	--	--	--	--
06/04/73	1101		66.0F						304		--	--	--	--	--	--
0705	1101			8.0	1410				0	0.3	3.5	--	--	--	--	--
07/03/73	1101		69.0F						251		--	--	--	--	--	--
0555	1101			8.0	1350				0	1.2	2.9	--	--	--	--	--
08/01/73	1101		72.0F						229		--	--	--	--	--	--
	1101			8.5	1330				11	0.1	1.9	--	--	--	--	--
09/06/73	1101		65.0F						300		--	--	--	--	--	--
0645	1101			8.1	1650				0	2.9	0.1	--	--	--	--	--
76 1272.10 LOS ANGELES RIVER AT SIXTH STREET																
10/04/72	1101		63.0F						288		--	--	--	--	--	--
0630	1101			7.8	1470				0	1.5	4.5	--	--	--	--	--
11/02/72	1101		54.0F						279		--	--	--	--	--	--
0730	1101			8.2	1600				0	0.0	4.4	--	--	--	--	--
12/01/72	1101		52.0F						277		--	--	--	--	--	--
0635	1101			7.9	1440				0	0.6	5.2	--	--	--	--	--
01/03/73	1101		48.0F						268		--	--	--	--	--	--
0800	1101			8.2	1410				0	0.0	0.0	--	--	--	--	--
03/07/73	1101		53.0F						76		--	--	--	--	--	--
0735	1101			7.8	357				0	0.0	1.7	--	--	--	--	--
04/05/73	1101		50.0F						284		--	--	--	--	--	--
0615	1101			8.3	1480				0	0.0	3.4	--	--	--	--	--
05/04/73	1101		61.0F						279		--	--	--	--	--	--
0700	1101			7.9	1470				0	0.6	2.3	--	--	--	--	--
06/04/73	1101		62.0F						298		--	--	--	--	--	--
0625	1101			7.9	1370				0	0.2	3.8	--	--	--	--	--
07/03/73	1101		69.0F						245		--	--	--	--	--	--
0715	1101			8.2	1220				0	0.9	2.7	--	--	--	--	--
08/01/73	1101		70.0F						241		--	--	--	--	--	--
0740	1101			8.3	1240				0	0.5	2.2	--	--	--	--	--
09/06/73	1101		62.0F						291		--	--	--	--	--	--
0730	1101			7.9	1440				0	1.4	4.5	--	--	--	--	--
76 1316.10 LOS ANGELES RIVER AT LOS FELIZ BLVD																
10/04/72	1101		63.0F						262		--	--	--	--	--	--
0515	1101			8.0	1170				0	1.2	6.2	--	--	--	--	--
11/02/72	1101		50.0F						244		--	--	--	--	--	--
0700	1101			8.1	1210				0	1.5	4.9	--	--	--	--	--
12/01/72	1101		47.0F						188		--	--	--	--	--	--
0530	1101			7.8	1240				0	7.8	8.4	--	--	--	--	--
01/03/73	1101		50.0F						230		--	--	--	--	--	--
0700	1101			8.1	1130				0	7.1	4.2	--	--	--	--	--
03/07/73	1101		52.0F						87		--	--	--	--	--	--
0710	1101			7.9	490				0	0.3	2.3	--	--	--	--	--
04/05/73	1101		48.0F						210		--	--	--	--	--	--
0520	1101			8.1	1380				0	1.6	4.2	--	--	--	--	--
05/04/73	1101		58.0F						226		--	--	--	--	--	--
0730	1101			8.1	1290				0	0.6	4.9	--	--	--	--	--
06/04/73	1101		62.0F						270		--	--	--	--	--	--
0530	1101			8.2	1150				0	5.6	6.9	--	--	--	--	--
07/03/73	1101		66.0F						232		--	--	--	--	--	--
0630	1101			7.9	1160				0	0.9	3.9	--	--	--	--	--
08/01/73	1101		70.0F						216		--	--	--	--	--	--
0730	1101			8.2	1130				0	0.9	3.6	--	--	--	--	--
09/06/73	1101		60.0F						265		--	--	--	--	--	--
0630	1101			8.0	1080				0	0.9	6.3	--	--	--	--	--

TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD		NUTRIENT ANALYSIS OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER									
				LABORATORY PH	EC	TURB F-CO2	CAC03 P	CAC03 T	HCO3 CO3	NH3	N02 N03	F U	ORG N	F U	(NH3) N	DIS A.M.P04	F U	H3P04	F U	TOT P
76 1365.00 LOS ANGELES RIVER AT TUJUNGA AVE																				
10/04/72	1101		59.0F																	
0540	1101			8.2	1130				317	0	0.0	1.1	--	--	--	--	--	--	--	--
11/02/72	1101		45.0F						286	0	0.0	1.9	--	--	--	--	--	--	--	--
0640	1101			8.2	1450				0				--	--	--	--	--	--	--	--
12/01/72	1101		45.0F						336	0	0.0	2.6	--	--	--	--	--	--	--	--
0605	1101			8.2	1460				0				--	--	--	--	--	--	--	--
01/03/73	1101		48.0F						265	9	0.0	3.2	--	--	--	--	--	--	--	--
0700	1101			8.4	1230				0				--	--	--	--	--	--	--	--
03/07/73	1101		50.0F						120	0	0.0	1.6	--	--	--	--	--	--	--	--
0645	1101			8.1	614				0				--	--	--	--	--	--	--	--
04/05/73	1101		48.0F						279	0	0.0	2.7	--	--	--	--	--	--	--	--
0550	1101			8.2	1670				0				--	--	--	--	--	--	--	--
05/04/73	1101		61.0F						243	0	0.0	1.7	--	--	--	--	--	--	--	--
0800	1101			8.1	1470				0				--	--	--	--	--	--	--	--
06/04/73	1101								296	0	0.0	2.4	--	--	--	--	--	--	--	--
0600	1101			8.1	1420				0				--	--	--	--	--	--	--	--
07/03/73	1101		65.0F						262	0	0.0	1.4	--	--	--	--	--	--	--	--
0540	1101			7.8	1190				0				--	--	--	--	--	--	--	--
08/01/73	1101		67.0F						260	0	0.1	0.	--	--	--	--	--	--	--	--
0710	1101			8.1	1100				0				--	--	--	--	--	--	--	--
09/06/73	1101		60.0F						299	0	0.2	2.4	--	--	--	--	--	--	--	--
0600	1101			8.2	1160				0				--	--	--	--	--	--	--	--
76 3025.10 DOMINGUEZ CHANNFL AT ANAHEIM ST																				
10/04/72	1101		67.0F						146	0	0.1	0.0	--	--	--	--	--	--	--	--
0712	1101			7.9	51700				0				--	--	--	--	--	--	--	--
11/02/72	1101		61.0F						144	0	0.0	0.0	--	--	--	--	--	--	--	--
0700	1101			7.8	52400				0				--	--	--	--	--	--	--	--
12/01/72	1101		59.0F						142	0	0.1	0.0	--	--	--	--	--	--	--	--
0630	1101			7.9	52200				0				--	--	--	--	--	--	--	--
01/03/73	1101		55.0F						144	0	0.2	0.0	--	--	--	--	--	--	--	--
0615	1101			8.0	51100				0				--	--	--	--	--	--	--	--
03/07/73	1101		54.0F						146	0	0.1	0.0	--	--	--	--	--	--	--	--
0630	1101			8.1	47200				0				--	--	--	--	--	--	--	--
04/05/73	1101		60.0F						142	0	0.0	0.0	--	--	--	--	--	--	--	--
0600	1101			7.9	50100				0				--	--	--	--	--	--	--	--
06/04/73	1101		65.0F						155	0	0.1	0.0	--	--	--	--	--	--	--	--
0600	1101			7.9	47900				0				--	--	--	--	--	--	--	--
07/02/73	1101		65.0F						144	0	0.1	0.0	--	--	--	--	--	--	--	--
	1101			7.7	51800				0				--	--	--	--	--	--	--	--
09/06/73	1101		67.0F						160	0	0.1	0.0	--	--	--	--	--	--	--	--
	1101			8.2	45100				0				--	--	--	--	--	--	--	--
76 3075.10 DOMINGUEZ CHANNEL AT WILMINGTON AVE.																				
10/04/72	1101		69.0F						169	0	0.1	0.0	--	--	--	--	--	--	--	--
0655	1101			8.2	45500				0				--	--	--	--	--	--	--	--
11/02/72	1101		61.0F						156	0	0.0	0.0	--	--	--	--	--	--	--	--
0640	1101			8.2	46700				0				--	--	--	--	--	--	--	--
12/01/72	1101		57.0F						196	7	0.0	0.0	--	--	--	--	--	--	--	--
0700	1101			8.4	39400				0				--	--	--	--	--	--	--	--
01/03/73	1101		54.0F						169	0	0.0	0.0	--	--	--	--	--	--	--	--
0650	1101			8.3	47200				0				--	--	--	--	--	--	--	--
03/07/73	1101		58.0F						82	7	0.0	0.0	--	--	--	--	--	--	--	--
0645	1101			8.4	21600				0				--	--	--	--	--	--	--	--
04/05/73	1101		60.0F						155	0	0.0	0.0	--	--	--	--	--	--	--	--
0630	1101			7.8	41700				0				--	--	--	--	--	--	--	--
05/04/73	1101		59.0F						169	0	0.0	0.0	--	--	--	--	--	--	--	--
0740	1101			8.0	42900				0				--	--	--	--	--	--	--	--
06/04/73	1101		66.0F						172	0	0.0	0.0	--	--	--	--	--	--	--	--
0545	1101			8.0	42400				0				--	--	--	--	--	--	--	--
07/02/73	1101								164	0	0.0	0.0	--	--	--	--	--	--	--	--
	1101			8.0	45500				0				--	--	--	--	--	--	--	--
08/01/73	1101								160	6	0.0	0.0	--	--	--	--	--	--	--	--
	1101			8.4	40000				0				--	--	--	--	--	--	--	--
09/06/73	1101								169	0	0.0	0.0	--	--	--	--	--	--	--	--
	1101			8.2	41300				0				--	--	--	--	--	--	--	--
76 3127.10 DOMINGUEZ CHANNEL 1000 FT. ABOVE VERMONT AVE.																				
10/04/72	1101		63.0F						272	0	0.0	0.0	--	--	--	--	--	--	--	--
0625	1101			8.0	1730				0				--	--	--	--	--	--	--	--
11/02/72	1101		52.0F						217	0	0.0	0.7	--	--	--	--	--	--	--	--
0615	1101			8.2	4620				0				--	--	--	--	--	--	--	--
12/01/72	1101		48.0F						215	0	0.0	1.7	--	--	--	--	--	--	--	--
0730	1101			7.9	1970				0				--	--	--	--	--	--	--	--
01/03/73	1101		46.0F						223	0	0.0	1.6	--	--	--	--	--	--	--	--
0740	1101			8.2	6670				0				--	--	--	--	--	--	--	--

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.M. DISCH.	TEMP DEPTH	FIELD LABORATORY PH	NUTRIENT ANALYSIS OF SURFACE WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER						
					TURB	CAC03 EC	P F-CO2	CAC03 T	CO3 M03	NH3	NO2 NO3	F ORG N U ORG N	F (NH3) U ORG N	DIS A.M.P04	F M3P04 U M3P04	F TOT P U TOT P
76 3127.10 DOMINGUEZ CHANNEL 1000 FT. ABOVE VERMONT AVE. CONTINUED																
03/07/73 0730	1101		52.0F	7.3	288			43 0	0.0	0.9	--	--	--	--	--	--
04/05/73 0715	1101		50.0F	8.2	1380			233 0	0.0	0.5	--	--	--	--	--	--
05/04/73 0815	1101		59.0F	8.1	1690			260 0	0.0	0.0	--	--	--	--	--	--
06/04/73 0520	1101		62.0F	8.3	1410			310 0	0.0	0.0	--	--	--	--	--	--
07/02/73	1101		68.0F	9.1	1350			115 41	0.0	0.0	--	--	--	--	--	--
08/01/73 0850	1101		74.0F	8.6	1080			216 15	0.0	0.0	--	--	--	--	--	--
09/06/73 1101	1101		67.0F	8.6	1040			159 26	0.0	0.3	--	--	--	--	--	--
76 3130.10 DOMINGUEZ CHANNEL BELOW VERMONT AVE.																
10/04/72 0640	1101		69.0F	8.0	24400			219 0	0.2	0.0	--	--	--	--	--	--
11/02/72 0605	1101		55.0F	8.2	26800			168 0	0.0	0.0	--	--	--	--	--	--
12/01/72 0715	1101		50.0F	8.0	17000			182 0	0.0	0.9	--	--	--	--	--	--
01/03/73 0720	1101		50.0F	8.3	22400			196 0	0.0	1.3	--	--	--	--	--	--
03/07/73 0715	1101			7.4	3550			113 0	0.1	0.9	--	--	--	--	--	--
04/05/73 0715	1101		52.0F	8.1	8100			228 0	0.0	0.6	--	--	--	--	--	--
05/04/73 0805	1101		58.0F	8.0	6540			251 0	0.0	0.0	--	--	--	--	--	--
06/04/73 0525	1101		64.0F	7.6	34100			210 0	0.4	0.0	--	--	--	--	--	--
07/02/73	1101			7.9	34500			187 0	0.0	0.0	--	--	--	--	--	--
08/01/73 0845	1101		72.0F	8.0	47600			150 0	0.2	0.0	--	--	--	--	--	--
09/06/73	1101		70.0F	8.0	37600			185 0	0.2	0.0	--	--	--	--	--	--
76 9745.10 RIO MONO RIVER AT RIO MONO SPREADING GROUNDS																
10/18/72 0700	1101 1101		63.0F	8.0	1060			299 0	11.0	1.7	--	--	--	--	--	--
12/15/72 1101	1101		46.0F	7.9	1190			179 0	1.3	0.2	--	--	--	--	--	--
01/15/73 0700	1101 1101		58.0F	8.1	1180			172 0	0.5	2.2	--	--	--	--	--	--
02/20/73 1101	1101		55.0F	7.7	276			90 0	0.0	2.2	--	--	--	--	--	--
03/21/73 0600	1101 1101		53.0F	8.0	491			133 0	0.0	0.00 6.2	--	0.84	0.84	--	--	--
04/19/73 1101	1101		60.0F	8.3	750			198 0	0.0	0.16 1.2	--	0.155	0.155	--	--	--
05/18/73 1101	1101		65.0F	8.1	1160			171 0	0.4	0.17 2.9	--	0.47	0.87	--	--	--
06/18/73 0600	1101 1101		65.5F	7.9	1120			180 0	0.2	0.10 2.1	--	0.31	0.51	--	--	--
07/17/73 1101	1101		61.0F	8.6	1090			101 17	0.0	0.06 3.5	--	0.0	0.0	--	--	--
08/15/73 1101	1101		72.0F	7.9	1100			161 0	0.0	0.01 2.7	--	0.20	0.2	--	--	--
09/17/73 0820	1101 1101		70.0F	8.0	931			185 0	0.0	0.05 7.2	--	0.0	0.0	--	--	--
77 5126.10 RIO MONO RIVER AT POMONA FWY																
10/18/72 0630	1101 1101		60.0F	8.0	882			258 0	0.5	3.7	--	--	--	--	--	--
12/15/72 0600	1101 1101		45.0F	8.3	1210			210 0	0.0	0.1	--	--	--	--	--	--
01/15/73 0630	1101 1101		58.0F	8.1	1270			241 0	0.0	1.8	--	--	--	--	--	--
02/20/73 0600	1101 1101		50.0F	7.7	241			86 0	0.2	2.1	--	--	--	--	--	--
03/21/73 0515	1101 1101		47.0F	7.9	482			196 0	0.0	1.4	--	0.0	0.0	--	--	--
04/19/73 0615	1101 1101		59.0F	7.7	992			242 0	0.0	0.12 1.5	--	1.41	1.41	--	--	--

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS



TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTM	FIELD LABORATORY		NUTRIENT ANALYSIS OF SURFACE WATER			NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER				F TOT P U TOT P REW	
				PH	EC	TURB	CAC03	P	NO2	F ORG N	F (NH3) U ORG N	DIS A.M.P04		F M3P04 U M3P04
77		5126.10	RIO MONDO RIVER AT POMONA FWY				CONTINUED							
05/18/73	1101		65.0F					237		0.18	--	--	--	--
	1101				1210			0	0.2	1.1	0.75	0.95	--	--
06/18/73	1101		65.0F	7.9	1020			182		0.01	--	--	--	--
	0515							0	0.0	0.0	0.92	0.92	--	--
08/15/73	1101		70.0F					238		0.05	--	--	--	--
	0600			8.0	1160			0	0.	1.0	0.	0.0	--	--
09/20/73	1101		65.0F					251		0.11	--	--	--	--
	0640			7.9	1210			0	0.2	1.7	0.	0.2	--	--
77		7050.00	SAN JOSE CREEK AT WORKMAN MILL RD											
03/21/73	1101		47.0F					323		0.11	--	--	--	--
	0A00			8.1	1140			0	17.1	2.3	1.78	18.88	--	--
04/19/73	1101							329		0.17	--	--	--	--
	1101			8.3	1180			0	13.8	2.5	2.34	16.14	--	--
05/18/73	1101		62.0F					324		0.33	--	--	--	--
	0A05			8.2	1190			0	13.0	3.6	2.06	15.06	--	--
06/18/73	1101		66.0F					346		0.22	--	--	--	--
	0845			8.2	1090			0	11.0	4.8	0.40	11.4	--	--
07/17/73	1101		64.0F					309		0.60	--	--	--	--
	0700			8.2	1100			0	8.8	3.1	1.53	10.33	--	--
08/15/73	1101		66.0F					326		0.38	--	--	--	--
	0735			8.1	1240			0	10.2	2.3	2.55	12.75	--	--
09/20/73	1101		66.0F					250		0.44	--	--	--	--
	1035			7.9	1080			0	3.3	6.5	0.0	3.3	--	--
7A		1060.10	SAN GABRIEL RIVER AT PACIFIC COAST HWY											
10/18/72	1101		77.0F					140		--	--	--	--	--
	0730			7.9	50000			0	0.0	0.	--	--	--	--
12/15/72	1101		73.0F					151		--	--	--	--	--
	0640			8.0	50000			0	0.1	0.	--	--	--	--
01/15/73	1101		72.0F					139		--	--	--	--	--
	0610			8.1	51500			0	0.0	0.	--	--	--	--
02/20/73	1101		72.0F					139		--	--	--	--	--
	0730			7.8	48900			0	0.2	0.	--	--	--	--
03/21/73	1101		72.0F					150		--	--	--	--	--
	0700			7.9	48700			0	0.0	0.0	--	--	--	--
04/19/73	1101		71.0F					133		--	--	--	--	--
	0645			7.2	48700			0	0.0	0.0	--	--	--	--
05/18/73	1101							149		--	--	--	--	--
	0A00			8.0	50500			0	0.0	0.0	--	--	--	--
06/18/73	1101		77.0F					148		--	--	--	--	--
	0700			7.9	45500			0	0.1	0.0	--	--	--	--
07/17/73	1101		82.0F					137		--	--	--	--	--
	0615			8.0	50500			0	0.0	0.0	--	--	--	--
08/15/73	1101		78.0F					151		--	--	--	--	--
	0700			8.0	51000			0	0.0	0.0	--	--	--	--
09/20/73	1101		75.0F					144		--	--	--	--	--
	0700			8.0	50500			0	0.1	0.0	--	--	--	--
7A		1165.10	COYOTE CREEK AT WILLOW STREET											
10/04/72	1101		63.0F							--	--	--	--	--
	0610			7.8	1660					2.4	--	--	--	--
10/18/72	1101		63.0F					277		--	--	--	--	--
	1101			8.1	2250			0	0.1	1.8	--	--	--	--
12/15/72	1101		41.0F					382		--	--	--	--	--
	0615			8.3	2300			0	0.3	0.2	--	--	--	--
01/15/73	1101		55.0F					372		0.35	--	--	--	--
	0625			8.2	2380			0	0.0	5.7	--	--	--	--
02/06/73	1101		54.0F							0.178	--	--	--	--
	0600			7.8	193				0.9	1.9	--	--	--	--
02/20/73	1101		53.0F					427		0.29	--	--	--	--
	0650			8.2	2710			0	0.2	10.3	2.70	2.9	--	--
03/21/73	1101		49.0F					172		0.17	--	--	--	--
	0615			8.1	979			0	0.9	4.7	1.78	2.68	--	--
04/19/73	1101		55.0F					297		0.21	--	--	--	--
	0615			8.1	2600			0	0.0	6.7	2.09	3.09	--	--
05/18/73	1101		65.0F					353		1.10	--	--	--	--
	0620			8.3	2360			0	4.9	5.4	0.56	5.46	--	--
06/18/73	1101		63.0F					338		0.675	--	--	--	--
	0630			8.0	2540			0	0.2	6.4	1.53	1.73	--	--
07/17/73	1101		71.0F					285		0.74	--	--	--	--
	0700			8.0	1950			0	0.6	0.5	0.61	1.21	--	--
08/15/73	1101		68.0F					265		0.74	--	--	--	--
	0615			8.0	1910			0	0.0	4.7	0.71	0.71	--	--
09/20/73	1101		69.0F					335		0.56	--	--	--	--
	0615			8.1	2150			0	6.0	6.7	1.44	7.44	--	--

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TABLE D-6 (CONT.)

DATE TIME	SAMP LAB	G.H. 01SCH.	TEMP DEPTH	FIELD LABORATORY PH	FIELD EC	NUTRIENT ANALYSIS OF SURFACE WATER			NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER				F TOT P	U TOT P	REM		
						TURB	CAC03	P	N02	F ORG N	N (NH3 +	D15				F M3P04	U M3P04
		78	1427.10	COYOTE CREEK NORTH FORK AT LEFFINGWELL RD													
10/18/72	1101		55.0F				207										
	1101			B.7	1520		28	0.0	4.8	--	--	--	--	--	--	--	--
12/15/72	1101		43.0F				361										
	0750			8.1	2030		0	0.0	0.2	--	--	--	--	--	--	--	--
01/15/73	1101		52.0F				321										
	0700			8.2	1750		0	0.0	7.5	--	--	--	--	--	--	--	--
02/20/73	1101		53.0F				365										
	0700			8.0	2120		0	0.0	11.2	--	--	--	--	--	--	--	--
03/21/73	1101		52.0F				192										
	0700			7.7	971		0	2.3	5.0	--	--	--	--	--	--	--	--
04/19/73	1101		62.0F				280										
	0700			8.1	2110		0	0.0	10.4	--	--	--	--	--	--	--	--
05/18/73	1101		62.0F				333										
	0720			8.0	12000		0	0.5	1.2	--	--	--	--	--	--	--	--
06/18/73	1101		74.0F				115										
	0900			9.0	1730		43	--	2.3	--	--	--	--	--	--	--	--
07/17/73	1101		70.0F				255										
	0620			8.0	1630		0	0.0	4.3	--	--	--	--	--	--	--	--
08/15/73	1101		71.0F				294										
	0655			8.3	1600		0	0.0	1.6	--	--	--	--	--	--	--	--
09/20/73	1101		69.0F				311										
	1005			8.4	1660		2	0.0	6.3	--	--	--	--	--	--	--	--
		78	1700.00	SAN GABRIEL RIVER AT THE MEADOWS													
03/21/73	1101		48.0F				146			0.12	--	--	--	--	--	--	--
	0515			7.8	543		0	2.2	2.3	2.72	4.92	--	--	--	--	--	--
04/19/73	1101		58.0F				201			0.33	--	--	--	--	--	--	--
	0530			7.9	1120		0	2.9	2.3	1.64	4.54	--	--	--	--	--	--
05/18/73	1101						174			0.16	--	--	--	--	--	--	--
	1101			8.0	1120		0	0.0	1.8	0.38	0.38	--	--	--	--	--	--
06/18/73	1101						217			0.15	--	--	--	--	--	--	--
	0540			8.1	1170		0	1.3	1.8	1.02	2.32	--	--	--	--	--	--
07/17/73	1101						163			0.16	--	--	--	--	--	--	--
	1101			8.3	1090		0	0.0	1.4	0.0	0.0	--	--	--	--	--	--
08/15/73	1101		72.0F				244			0.37	--	--	--	--	--	--	--
	0800			8.0	1230		0	5.0	0.6	0.82	5.82	--	--	--	--	--	--
09/17/73	1101		67.0F				164			0.38	--	--	--	--	--	--	--
	0850			7.9	1070		0	0.0	1.2	0.0	0.0	--	--	--	--	--	--
		78	1780.00	SAN GABRIEL RIVER AT BEVERLY BLVD													
12/15/72	1101		45.0F				174			--	--	--	--	--	--	--	--
	1101			8.2	1220		0	0.0	0.0	--	--	--	--	--	--	--	--
01/15/73	1101		53.0F				173			--	--	--	--	--	--	--	--
	0715			7.9	1210		0	0.6	1.8	--	--	--	--	--	--	--	--
02/20/73	1101		52.0F				233			--	--	--	--	--	--	--	--
	1101			8.1	656		0	4.1	2.6	--	--	--	--	--	--	--	--
03/21/73	1101		51.0F				161			0.13	--	--	--	--	--	--	--
	0540			7.7	608		0	2.8	1.8	2.66	6.46	--	--	--	--	--	--
04/19/73	1101		61.0F				209			0.21	--	--	--	--	--	--	--
	0710			7.8	1100		0	4.4	2.3	--	--	--	--	--	--	--	--
05/18/73	1101		63.0F				176			--	--	--	--	--	--	--	--
	0715			8.2	1170		0	0.5	2.0	--	--	--	--	--	--	--	--
06/18/73	1101		63.0F				189			0.22	--	--	--	--	--	--	--
	0530			8.1	1140		0	0.0	1.6	0.0	0.0	--	--	--	--	--	--
07/17/73	1101		63.0F				116			--	--	--	--	--	--	--	--
	0600			8.6	1140		11	0.1	1.0	--	--	--	--	--	--	--	--
09/20/73	1101		67.0F				176			--	--	--	--	--	--	--	--
	0710			8.0	1100		0	0.1	1.8	--	--	--	--	--	--	--	--
		78	5170.00	RIO MONDO RIVER NEAR ODWNEY													
10/18/72	1101		59.0F				252			--	--	--	--	--	--	--	--
	0745			8.2	1140		0	0.0	0.0	--	--	--	--	--	--	--	--
01/15/73	1101		56.0F				195			--	--	--	--	--	--	--	--
	0745			8.4	1340		7	0.0	0.0	--	--	--	--	--	--	--	--
02/20/73	1101		48.0F				148			--	--	--	--	--	--	--	--
	0800			8.4	965		13	0.0	0.0	--	--	--	--	--	--	--	--
03/21/73	1101		42.0F				132			--	--	--	--	--	--	--	--
	0430			8.0	740		0	0.1	0.0	--	--	--	--	--	--	--	--
04/19/73	1101		60.0F				172			--	--	--	--	--	--	--	--
	1101			8.2	1460		0	0.0	0.3	--	--	--	--	--	--	--	--
05/18/73	1101		63.0F				278			--	--	--	--	--	--	--	--
	1101			8.2	1620		0	0.0	0.0	--	--	--	--	--	--	--	--
06/18/73	1101		61.0F				293			--	--	--	--	--	--	--	--
	0630			8.1	1840		0	0.0	0.0	--	--	--	--	--	--	--	--
07/17/73	1101		59.0F				235			--	--	--	--	--	--	--	--
	0645			8.3	996		0	0.0	1.6	--	--	--	--	--	--	--	--

SEE PAGE 347 FOR KEY TO TERMS AND ABBREVIATIONS





TABLE D-7

PESTICIDES IN SURFACE WATER

Abbreviations and Codes

Pesticides

- BHC - Benzene hexachloride
- DDD - Dichloro diphenyl dichloroethane
- DDE - Dichloro diphenyl ethane
- DDT - Dichloro diphenyl trichloroethane

When two pesticides are reported together with a slash mark separating them (Simazine/Atrazine), the reported concentration is an undifferentiated total of the two. Either of the two pesticides could make up the entire total.

- Samp - - Code for agency collecting sample
- 5050 - Department of Water Resources

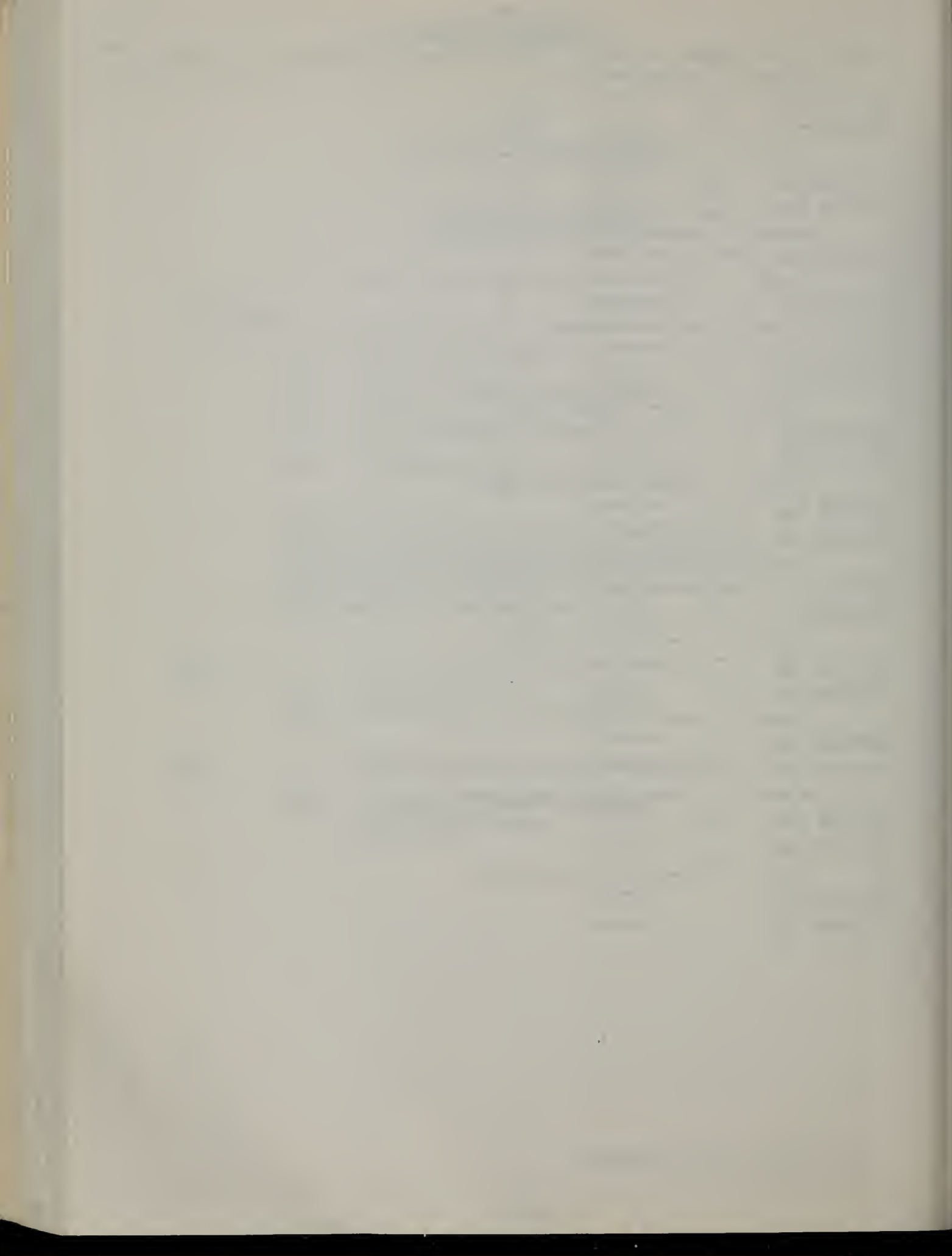
- Lab - - Code for laboratory performing analysis
- 5050 - Department of Water Resources  
Laboratory at Bryte

TABLE D-7 (CONT)

DATE TIME	SAMP LAB	TEMP EC	DO PH	G.N. DEP DISCHARGE	PESTICIDES IN SURFACE WATER COMPOUNDS REPORTED IN NANOGRAMS/LITER			OTHER	REM
					CHLORINATED HYDROCARBON	ORGANIC PHOSPHORUS			
		W3	1070.00		WHITEWATER RIVER NEAR MECCA				
11/13/72 0945	5050 5050	68.0F 2600		1.94	15 DACTHAL	10 DDE			
11/13/72 0946	5050 5050	68.0F 2600		1.94	15 DACTHAL 3 DDT	10 DDE			
		W7	1922.00		ALL AMERICAN CANAL BL IMPERIAL DAM				
11/13/72 1700	5050 5050	60.0F 1300		4300.0	3 KELTHANE	5 OACTHAL			
11/13/72 1701	5050 5050	60.0F 1300		4300.0	8 DACTHAL				
		W7	1939.10		COACHELLA CANAL AT DROP 1 ALL AMERICAN CANAL				
11/13/72 1530	5050 5050	60.0F 1400		5.60	NONE DETECTED				
		W7	1968.10		ALL AMERICAN CANAL WATER TO PURIFICATION PLANT (EL CENTRO)				
11/14/72 1130	5050 5050	62.5F 1350			NONE DETECTED				
		W9	1100.00		NEW RIVER NEAR WESTMORLAND				
11/13/72 1230	5050 5050	63.0F 4300		3.94	940 DACTHAL				
11/13/72 1231	5050 5050	63.0F 4300		3.94	820 DACTHAL				
		W9	1160.10		NEW RIVER N OF BRAWLEY AT HWY 111				
11/14/72 1430	5050 5050	59.0F 6000			700 DACTHAL				
11/14/72 1431	5050 5050	59.0F 6000			900 DACTHAL				
		W9	1290.10		NEW RIVER S OF BRAWLEY AT KEYSTONE RD				
11/14/72 1400	5050 5050	63.0F 6000			240 DACTHAL				
11/14/72 1401	5050 5050	63.0F 6000			250 DACTHAL				
		W9	1800.00		NEW RIVER AT THE INTERNATIONAL BOUNDARY				
11/13/72 1415	5050 5050	62.0F		8.10	750 UNKNOWNNS 20 000	45 DIELDRIN			
11/13/72 1416	5050 5050	62.0F		8.10	790 UNKNOWNNS 35 000	60 DIELDRIN 15 000			
		W9	2135.10		ALAMO RIVER 300 FT N OF SINCLAIR RD				
11/13/72 1145	5050 5050	59.5F 3300		2.94	80 DACTHAL				
11/13/72 1146	5050 5050	59.5F 3300		2.94	90 DACTHAL				
		W9	2200.00		ALAMO RIVER NR BRAWLEY				
11/14/72 1515	5050 5050	60.0F 3500			100 DACTHAL				
11/14/72 1516	5050 5050	60.0F 3500			150 DACTHAL				
		W9	2240.10		ALAMO RIVER AT WORTHINGTON RD NR HOLTVILLE				
11/14/72 1030	5050 5050	59.5F 3250		300 E	180 DACTHAL				
11/14/72 1031	5050 5050	59.5F 3250		300 E	200 DACTHAL				
		W9	2265.10		ALAMO RIVER AT HWY 115 W OF HOLTVILLE				
11/14/72 0945	5050 5050	59.0F 3400			510 DACTHAL				
11/14/72 0946	5050 5050	59.0F 3400			400 DACTHAL				

SEE PAGE 366 FOR KEY TO TERMS AND ABBREVIATION





Appendix E

GROUND WATER QUALITY DATA





APPENDIX E  
GROUND WATER QUALITY DATA

This appendix presents ground water quality data collected during the period from October 1, 1972 through September 30, 1973. The data were collected from a number of major ground water sources in Southern California in cooperation with other state, local, and federal agencies. A total of 1,300 wells were sampled during the 1973 water year.

At the time of field sampling, a temperature measurement is normally made. Comments on current conditions are noted in field books which are available in the files of the Department of Water Resources, Southern District.

Laboratory analyses of ground waters were performed in accordance with "Standard Methods for the Examination of Water and Waste Water", prepared and published jointly by the American Public Health Association, American Water Works Association, and Water Pollution Control Federation, 13th Edition, Geological Survey Water Supply Paper 1454, "Methods for Collection and Analysis of Water Samples", 1960. Trace element analyses were determined by the Department's Southern District Laboratory using Colormetric method and various Atomic Absorption methods, including Environmental Protection Agency methods, and by United States Geological Survey using a Jarrel-Ash 2.4 meter Wadsworth grating spectrograph.

Two numbering systems are used by the Department to facilitate processing of water quality data. The two systems are the Areal Designation and the State Well Numbering systems as described on page 53 of Appendix C.

The Areal Designation System comprises a series of major drainage provinces which are further subdivided into hydrologic units, hydrologic subunits, and hydrologic subareas.

Figures C-1 through C-6, pages 55 through 65 in Appendix C, show the locations and code numbers of the hydrologic subdivisions in each drainage province.

## TABLE E-1 MINERAL ANALYSES OF GROUND WATER

An explanation of column headings follows:

- TDS** - Gravimetric determination of total dissolved solids at 180° Celsius (or \*105° C).  
**SUM** - Total dissolved solids determined by addition of analyzed constituents, less Bicarbonate multiplied by 0.50.  $\neq$  - Difference between total anions and total cations of over 5 percent.  
**EC** - The electrical conductance in micromhos at 25° Celsius.  
**pH** - Measure of acidity or alkalinity of water.  
**TH** - Total hardness.  
**NCH** - Noncarbonate hardness.  
**TIME** - Pacific Standard Time on a 24-hour clock.  
**TEMP** - Water temperature in degrees Fahrenheit at the time of field sampling.  
**SAR** - Sodium Adsorption Ratio.  
**REM (REMARKS)** as follow:

- T** - Total Dissolved Solids and the calculated SUM of constituents are not within 20 percent of each other.  
**E** - Total Dissolved Solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity.  
**S** - The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of  $\pm 5\%$ .  
**C** - The electrical conductivity divided by the EC-EPM factor ( or if absent, 100) is not within 20% of the average of the cation sum and anion sum for complete analyses.  
**X** - The field EC and the lab EC are not within 20 % of each other.  
**Z** - The value of the constituent is greater than the field limit; in which case all 9's will appear.  
**N** - This analysis has been reported under a different station number.

The **MINERAL CONSTITUENTS** are as follows:

<b>B</b> - Boron	<b>F</b> - Fluoride	<b>NA</b> - Sodium
<b>CA</b> - Calcium	<b>HCO<sub>3</sub></b> - Bicarbonate	<b>NO<sub>3</sub></b> - Nitrate
<b>CL</b> - Chloride	<b>K</b> - Potassium	<b>SiO<sub>2</sub></b> - Silica
<b>CO<sub>3</sub></b> - Carbonate	<b>MG</b> - Magnesium	<b>SO<sub>4</sub></b> - Sulfate

The **LAB** and **SAMPLER** agency codes are as follows:

- 1101 - Los Angeles County Flood Control District
- 1200 - Los Angeles Department of Water and Power
- 3210 - Pasadena Water Department
- 5103 - Riverside County Flood Control and Water Conservation District
- 4206 - Long Beach Water Department
- 4417 - Orange County Water District
- 4790 - Babcock Lab
- 5000 - U. S. Geological Survey
- 5050 - Department of Water Resources
- 5060 - Department of Health
- 5088 - Santa Ana River Basin Regional W.Q.C.B.(No. 8)
- 5089 - San Diego Regional W.Q.C.B.(No.9)
- 5101 - San Bernardino County Flood Control District
- 5102 - Orange County Flood Control District
- 5103 - Riverside County Flood Control and Water Conservation District
- 5117 - San Luis Obispo County Flood Control and Water Conservation District
- 5121 - Ventura County Flood Control District
- 5134 - Orange County
- 5136 - Los Angeles County Sanitation District
- 5411 - United Water Conservation District
- 5867 - Fruit Growers Laboratory
- 5868 - Pomeroy Johnston and Bailey Civil and Chemical Engineers
- 5875 - Eastern Municipal Water District
- 5877 - Environmental Engineering Lab. Inc., Chula Vista
- 5882 - Analytical Research Laboratory
- 5999 - Unknown

TABLE E-1 (CONT.)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PM EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REM		
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	PERCENT REACTANCE VALUE	B	F		TDS SUM	TH NCM
		CENTRAL COASTAL DRAINAGE PROVINCE																
		SALINAS HYDRO UNIT																
		PASO ROBLES HYDRO SUBUNIT																
		T-09																
		T-09.M																
		255/14E-33001 M																
11/01/72	5117	65.0F		26	21	75	2.3	0	293	44	24	.2	.39	.5	328	152		
1430	5050	18.3C	8.1	568	1.30	1.73	3.26	.06	.00	4.80	.92	.68	.00	--	337	0	2.7	
		255/15E-02C01 M																
11/02/72	5117	68.0F		67	84	180	6.3	0	550	242	137	6.7	1.40	.3	989	512		
1405	5050	20.0C	8.2	1545	3.34	6.91	7.83	.11	.00	9.01	5.04	3.86	.11	--	993	62	3.5	
		265/12E-14601 M																
11/02/72	5117			19	12	137	2.4	0	300	91	38	.5	.94	.4	459	97		
	5050		7.9	722	.95	.99	5.96	.06	.00	4.92	1.89	1.07	.01	--	448	0	6.1	
		265/12E-21006 M																
11/01/72	5117	68.0F		95	47	300	6.6	0	503	165	344	11.5	1.06	.6	1224	430		
1045	5050	20.0C	7.9	2026	4.74	3.07	13.05	.17	.00	8.24	3.44	9.70	.19	--	1217	19	6.3	
		265/12E-22P01 M																
11/01/72	5117	68.0F		32	24	82	1.9	0	282	37	60	13.0	.24	.3	411	179		
1030	5050	20.0C	7.9	671	1.60	1.97	3.57	.05	.00	4.62	.77	1.69	.21	--	389	0	2.7	
		265/13E-28L02 M																
11/01/72	5117	70.0F		28	23	59	1.6	0	253	27	42	1.8	.22	.3	300	165		
1315	5050	21.1C	7.8	549	1.40	1.89	2.57	.04	.00	4.15	.56	1.18	.03	--	307	0	2.0	
		265/14E-35D01 M																
11/06/72	5117	58.0F		40	9.3	44	3.0	0	160	24	48	17.5	.07	.6	278	138		
1030	5050	14.4C	8.0	475	2.00	.76	1.91	.08	.00	2.62	.50	1.35	.28	--	265	7	1.6	
		275/11E-22M02 M																
11/26/72	5117			139	26	228	2.3	0	571	394	42	2.0	.30	.8	1115	454		
	5050		7.7	1597	6.94	2.14	9.92	.06	.00	9.36	8.20	1.18	.03	--	1114	0	4.7	
		275/13E-09P01 M																
11/03/72	5117	68.0F		12	9.8	130	1.8	0	355	26	20	4.2	.30	.2	400	71		
1500	5050	20.0C	8.1	627	.60	.81	5.66	.05	.00	5.82	.54	.56	.07	--	379	0	6.7	
		275/13E-36R01 M																
11/03/72	5117	64.0F		107	21	55	2.0	0	443	34	50	2.8	.16	.4	524	354		
1430	5050	17.8C	7.7	826	5.34	1.73	2.39	.05	.00	7.26	.71	1.41	.05	--	490	0	1.3	
		295/13E-08F01 M																
10/24/72	5117			47	34	53	1.6	7.0	335	49	24	4.0	.02	.5	398	258		
1400	5050		8.3	696	2.35	2.80	2.31	.04	.23	5.49	1.02	.68	.06	--	384	0	1.4	
		295/13E-08M01 M																
10/24/72	5117			40	14	131	1.6	0	160	127	82	80.0	.52	.9	563	160		
1400	5050		8.3	915	2.00	1.15	5.70	.04	.00	2.62	2.64	2.31	1.29	--	555	27	4.5	
		295/13E-08N05 M																
10/24/72	5117			56	30	1085	16	0	299	1768	392	40.0	.42	1.0	2082	262		
1400	5050		8.3	3087	2.79	2.47	47.20	.41	.00	4.90	36.81	11.05	.65	--	3534	18	29.1 TC	
		T-09.1																
		P020 HYDRO SUBUNIT																
		305/15E-21C01 M																
11/09/72	5117	65.0F		50	31	34	.9	0	216	69	28	38.5	.03	.4	364	253		
1425	5050	18.3C	7.6	595	2.50	2.55	1.48	.02	.00	3.54	1.44	.79	.62	--	358	76	0.9	
		305/15E-21001 M																
11/09/72	5117	60.0F		50	35	46	.9	0	235	94	34	34.1	.06	.4	407	269		
1440	5050	15.5C	7.7	674	2.50	2.88	2.00	.02	.00	3.85	1.96	.96	.55	--	410	77	1.2	
		T-10																
		T-10.8																
		T-10.82																
		295/11E-31R01 M																
10/11/72	5050	64.0F		5200	77	194	705	38	0	502	210	1370	1.6	.52	.4	2955	989	
1200	5050	17.8C	8.2	4840	3.84	15.95	30.67	.98	.00	8.23	4.37	38.63	.03	--	2843	578	9.7	
		T-10.83																
		LOS 0505 HYDRO SUBAREA																
10/11/72	5050	71 F		42	65	100	5.5	0	383	170	67	.7	.30	.2	665	372		
	5050	22 C	8.0	1050	2.10	5.35	4.35	.14	.00	6.28	3.54	1.89	.01	--	639	59	2.3	
		305/10E-13L01 M																
10/11/72	5050	66 F		175	2.9	6.3	24	.8	0	36	4.3	30	8.7	.02	.1	122	33	
1700	5050	19 C	7.0	188	.14	.52	1.04	.02	.00	.59	.09	.85	.14	--	95	4	1.8 TC	





TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	PERCENT REACTANCE VALUE	8	F	TO5 SUM	TH NCH	SAR	
CENTRAL COASTAL DRAINAGE PROVINCE																			
SAN LUIS OBISPO HYDRO UNIT																			
ARROYO GRANDE HYDRO SUBUNIT																			
ARROYO GRANDE HYDRO SUBAREA																			
10/11/72	5050	74.0F		900	76	33	74	2.8	0	320	124	69	.2	.14	.2	536	326		
	5050	23.3C	7.8	890	3.79	2.71	3.22	.07	.00	5.24	2.58	1.95	.00	--	--	536	63	1.8	
					39	28	33	1		54	26	20							
T-11 CARRIZO PLAIN HYDRO UNIT																			
295/17E-13R01 M																			
10/03/72	5117	65.0F			56	11	44	1.6	0	223	39	34	11.0	.02	.2	329	185		
	0945	18.3C	8.1	557	2.79	.90	1.91	.04	.00	3.65	.81	.96	.18	--	--	306	2	1.4	
					49	16	34	1		65	14	17	3						
295/19E-29G01 M																			
10/04/72	5117				49	16	147	1.6	0	173	197	69	88.0	.64	.8	691	189		
	1530		8.3	1053	2.45	1.32	6.39	.04	.00	2.84	4.10	1.95	1.42	--	--	653	47	4.7	
					24	13	63			28	40	19	14						
305/18E-01B02 M																			
11/09/72	5117	59.0F			116	38	416	1.6	0	210	711	242	95.5	1.20	.8	1752	446		
	1100	15.0C	8.1	2407	5.79	3.13	10.10	.04	.00	3.44	14.80	6.82	1.54	--	--	1725	274	8.6	
					21	12	67			13	56	26	6						
305/18E-03001 M																			
11/09/72	5117	68.0F			43	15	58	1.3	0	168	85	32	36.3	.07	.3	356	169		
	1025	20.0C	7.9	573	2.15	1.23	2.52	.03	.00	2.75	1.77	.90	.59	--	--	353	32	1.9	
					36	21	42	1		46	29	15	10						
305/18E-12N01 M																			
11/09/72	5117	55.0F			38	20	74	.9	0	235	70	31	34.1	.21	.5	387	177		
	1115	12.8C	7.9	629	1.90	1.64	3.22	.02	.00	3.85	1.46	.87	.55	--	--	384	0	2.4	
					28	24	47			57	22	13	8						
325/21E-32J01 M																			
10/04/72	5117				45	25	61	2.7	0	218	50	52	52.0	.16	.7	439	213		
	1500		8.4	727	2.25	2.06	2.65	.07	.00	3.57	1.04	1.47	.84	--	--	395	37	1.8	
					32	29	38	1		52	15	21	12						
11N/26W-02G01 S																			
10/03/72	5117	68.0F			65	52	24	.4	0	350	57	58	4.0	.02	.3	494	375		
	1230	20.0C	8.3	768	3.24	4.28	1.04	.01	.00	5.74	1.19	1.64	.06	--	--	433	89	0.5	
					38	50	12			67	14	19	1						
11N/26W-12F01 S																			
10/04/72	5117				134	62	1379	16	0	273	1621	1199	4.0	1.60	.5	4839	591		
	1330		8.3	6358	6.69	5.10	59.99	.41	.00	4.47	33.75	33.81	.06	--	--	4551	364	24.7	
					9	7	83	1		6	47	47							
11N/26W-250015 S																			
10/04/72	5117				2.8	.7	145	2.0	20	228	45	34	25.0	.24	.3	395	10		
	1600		8.9	671	.14	.06	6.31	.05	.67	3.74	.94	.96	.40	--	--	387	0	20.1	
					2	1	96	1	10	56	14	14	6						
12N/27W-36E01 S																			
10/04/72	5117				500	295	81	12	0	112	3430	315	180	.90	3.6	5715	2463		
	1500		8.1	5738	24.95	24.26	3.52	.32	.00	1.84	71.41	8.88	2.90	--	--	4869	2370	0.7	
					47	46	7	1		2	84	10	3						
T-12 SANTA MARIA-CUYAMA HYDRO UNIT																			
T-12.A SANTA MARIA HYDRO SUBUNIT																			
09N/33W-06G01 S																			
05/16/73	5000	64 F			84	53	51	2.3	0	236	292	28	4.6	.07	.5	698	428		
	1740	18 C	8.0	977	4.19	4.36	2.22	.06	.00	3.87	6.08	.79	.07	--	--	631	234	1.1	
					39	40	20	1		36	56	7	1						
09N/33W-18R01 S																			
05/18/73	5000	72 F			61	19	67	2.5	0	181	68	108	20.0	.13	.4	501	230		
	1340	22 C	8.3	784	3.04	1.56	2.91	.06	.00	2.97	1.42	3.05	.32	--	--	435	82	1.9	
					40	21	38	1		38	18	39	4						
10N/33W-20F01 S																			
05/15/73	5000	63 F			119	59	88	3.5	0	261	430	42	17.6	.24	.7	954	540		
	1830	17 C	8.1	1288	5.94	4.85	3.83	.09	.00	4.28	8.95	1.18	.28	--	--	888	326	1.6	
					40	33	26	1		29	61	8	2						
10N/34W-03P02 S																			
05/15/73	5000	61 F			105	48	51	2.8	0	243	293	39	6.8	.04	.7	705	460		
	1635	16 C	8.1	1021	5.24	3.95	2.22	.07	.00	3.98	6.10	1.10	.11	--	--	665	261	1.0	
					46	34	19	1		35	54	10	1						
10N/34W-16R01 S																			
11/06/72	5000	59.9F			1300	86	67	92	3.6	0	167	433	50	36.0	.22	.5	904	490	
	1030	15.5C	8.0	1214	4.29	5.51	4.00	.09	.00	2.74	9.02	1.41	.58	--	--	850	353	1.8	
					31	40	29	1		20	66	10	4						
10N/34W-17F01 S																			
05/17/73	5000	63 F			115	102	126	4.6	0	142	803	88	75.3	.17	.7	1534	856		
	1900	17 C	8.0	1932	8.73	8.39	5.48	.12	.00	2.33	16.72	2.48	1.21	--	--	1444	740	1.9	
					38	37	24	1		10	74	11	5						
10N/34W-18P01 S																			
11/06/72	5000	66.2F			2400	225	86	206	4.7	0	392	612	236	67.5	.30	.6	1706	915	
	1120	19.0C	8.1	2230	11.23	7.07	8.96	.12	.00	6.42	12.74	6.66	1.09	--	--	1630	594	3.0	
					41	26	33			24	47	25	4						
05/15/73																			
	5000	63 F			186	88	200	5.0	0	269	638	232	61.5	.32	.7	1636	826		
	1410	17 C	7.8	2208	9.28	7.24	8.70	.13	.00	4.41	13.28	6.54	.99	--	--	1543	606	3.0	
					37	29	34	1		17	53	26	4						





TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MILLIGRAMS PER LITER										MILLIGRAMS PER LITER					REM
				MINERAL CONSTITUENTS IN PERCENT REACTANCE VALUE										MILLIEQUIVALENTS PER LITER					
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	8	F	TO5	TH	SAR		
CENTRAL COASTAL DRAINAGE PROVINCE																			
T-12 T-12.C																			
SANTA MARIA-CUYAMA HYDRO UNIT																			
CUYAMA VALLEY HYDRO SUBUNIT																			
08N/24W-21F01 S																			
05/23/73	5000	56.3F		211	98	86	3.6	0	146	32	15	3.0	.16	1.2	1533	930			
1210	5050	13.5C	8.1 1754	10.53	8.06	3.74	.09	.00	2.39	19.40	.42	.05	--	--	1421	811	1.2		
				47	36	17			11	87	2								
08N/24W-36B015 S																			
05/03/73	5121	58.0F		54	16	62	2.1	0	342	12	26	.0	.20	.5	403*	200			
1100	5867	14.4C	7.3 658	2.69	1.32	2.70	.05	.00	5.61	.25	.73	.00	--	--	340	0	1.9		
				40	20	40	1		85	4	11								
09N/24W-19F01 S																			
11/03/72	5000	58.1F		1950	237	97	93	3.8	0	203	942	12	14.0	.17	.9	1626	990		
1130	5050	14.5C	8.1 1821	11.83	7.98	4.05	.10	.00	3.33	19.61	.34	.23	--	--	1499	825	1.3		
				49	33	17			14	83	1	1							
05/23/73 5000 59.9F																			
1250	5050	15.5C	8.2 1971	11.98	8.47	4.31	.10	.00	2.54	21.47	.42	.21	--	--	1581	1022	1.3		
				48	34	17			10	87	2	1							
09N/24W-33M01 S																			
05/23/73	5000	66.2F		66	9.8	170	2.4	0	296	202	85	1.3	.33	.8	695	205			
1235	5050	19.0C	8.3 1142	3.29	.81	7.40	.06	.00	4.85	4.21	2.40	.02	--	--	682	0	5.2		
				28	7	64	1		42	37	21								
10N/25W-20F02 S																			
05/23/73	5000	62.6F		223	104	78	3.5	0	127	926	25	60.0	.14	.9	1574	986			
1420	5050	17.0C	8.1 1856	11.13	8.55	3.39	.09	.00	2.08	19.28	.71	.97	--	--	1482	881	1.1		
				48	37	15			9	84	3	4							
10N/25W-20H01 S																			
05/23/73	5000	60.8F		238	102	82	3.9	0	136	997	16	10.0	.19	1.1	1620	1014			
1405	5050	16.0C	8.1 1867	11.88	8.39	3.57	.10	.00	2.23	20.76	.45	.16	--	--	1516	903	1.1		
				50	35	15			9	88	2	1							
10N/25W-21G01 S																			
05/23/73	5000	62.6F		334	145	112	5.2	0	179	1389	26	29.0	.28	.8	2313	1430			
1350	5050	17.0C	8.2 2499	16.67	11.92	4.87	.13	.00	2.93	28.92	.73	.47	--	--	2128	1284	1.3		
				50	35	14			9	88	2	1							
10N/25W-22E01 S																			
05/23/73	5000	63.5F		321	137	108	4.9	0	178	1312	30	44.0	.25	.9	2182	1366			
1340	5050	17.5C	8.1 2351	16.02	11.27	4.70	.13	.00	2.92	27.32	.85	.71	--	--	2045	1219	1.3		
				50	35	15			9	86	3	2							
10N/25W-23E01 S																			
05/23/73	5000	64.4F		202	61	212	5.1	0	128	873	131	10.0	.86	.6	1664	756			
1320	5050	18.0C	8.1 2159	10.08	5.02	9.22	.13	.00	2.10	18.18	3.69	.16	--	--	1558	651	3.4		
				41	21	38	1		9	75	15	1							
10N/26W-04R01 S																			
11/03/72	5000	64.4F		2900	399	153	132	7.4	0	198	1415	100	150	.20	.9	2608	1625		
1210	5050	18.0C	8.0 2732	19.91	12.58	5.74	.19	.00	3.25	29.44	2.82	2.42	--	--	2454	1463	1.4		
				52	33	15			9	78	7	6							
05/23/73 5000 63.5F																			
1525	5050	17.5C	8.0 1824	10.58	6.83	4.96	.11	.00	1.93	19.13	.93	.06	.68	1.1	1563	872			
				47	30	22			9	87	4			--	--	1428	775	1.7	
10N/26W-09R01 S																			
05/23/73	5000	64.4F		381	143	116	7.0	0	227	1366	67	80.0	.20	.9	2430	1538			
1505	5050	18.0C	8.3 2645	19.01	11.76	5.05	.18	.00	3.72	28.44	1.89	1.29	--	--	2272	1354	1.3		
				53	33	14	1		11	80	5	4							
10N/26W-09R03 S																			
05/23/73	5000	62.6F		266	100	96	4.3	0	130	1084	25	13.0	.18	.7	1762	1077			
1510	5050	17.0C	8.1 2047	13.27	8.22	4.18	.11	.00	2.13	22.57	.71	.21	--	--	1652	969	1.3		
				51	32	16			8	88	3	1							
10N/26W-27N01 S																			
05/23/73	5000	63.5F		96	59	76	3.8	0	222	424	17	8.4	.10	.6	875	484			
1445	5050	17.5C	8.1 1162	4.79	4.85	3.31	.10	.00	3.64	8.83	.48	.14	--	--	793	300	1.5		
				37	37	25	1		28	67	4	1							
T-13																			
SAN ANTONIO HYDRO UNIT																			
08N/32W-30H07 S																			
11/09/72	5000	64.4F		600	37	20	48	2.5	0	120	86	62	8.6	.16	.3	375	175		
1115	5050	18.0C	7.3 607	1.85	1.64	2.09	.06	.00	1.97	1.79	1.75	.14	--	--	323	76	1.6		
				33	29	37	1		35	32	31	2							
04/07/73 5000 62.6F																			
1150	5050	17.0C	7.7 575	36	23	49	2.7	0	121	92	64	8.0	.03	.2	379	185			
				31	32	36	1		34	33	31	2			--	--	334	86	1.6
08N/33W-20R01 S																			
04/07/73	5000	64.4F		1250	129	56	97	2.8	0	425	228	127	.4	.19	.2	919	552		
1100	5050	18.0C	8.2 1356	6.44	4.61	4.22	.07	.00	6.97	4.75	3.58	.01	--	--	849	204	1.8		
				42	30	28			46	31	23								
08N/34W-23B03 S																			
11/09/72	5000	64.4F		1300	92	36	120	4.9	0	228	135	208	25.0	.24	.3	790	378		
1145	5050	18.0C	8.0 1261	4.59	2.96	5.22	.13	.00	3.74	2.81	5.87	.40	--	--	733	191	2.7		
				36	23	48	1		29	22	46	3							
T-14																			
SANTA YNEZ HYDRO UNIT																			
T-14.A																			
LOMPOC HYDRO SUBUNIT																			
06N/35W-01B02 S																			
05/21/73	5000	64.4F		1980	96	82	224	3.1	0	309	309	355	9.0	.28	.5	1256	572		
1320	5050	18.0C	8.3 2008	4.79	6.74	9.74	.08	.00	5.06	6.43	10.01	.15	--	--	1230	324	4.1		
				22	32	46			23	30	46	1							

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	8	F	TO5	TM	SAR				
T T-14 T-14.A																					
CENTRAL COASTAL DRAINAGE PROVINCE SANTA YNEZ HYDRO UNIT LOMPDC HYDRO SUBUNIT																					
11/09/72 0950	5000 5050	64.4F 18.0C	8.1	1690 1726	141 7.04	75 6.17	170 7.40	5.0 .13	0 .00	405 6.64	498 10.37	120 3.38	3.0 .05	.96 --	.7 1212	1304 329	661 2.9	E			
05/21/73 1130	5000 5050	67.1F 19.5C	8.0	2090 1912	131 6.54	85 6.99	189 8.22	5.5 .14	0 .00	294 4.82	620 12.91	129 3.64	1.9 .03	.94 --	.6 1307	1409 436	663 3.2	E			
05/05/73	5050 5050	74.0F 23.3C	7.8	3686	80 3.99	57 4.69	506 22.01	20 .51	0 .00	217 3.56	131 2.73	884 24.93	10.0 .16	.30 --	.4 1795	2005 256	435 10.6				
05/06/73	5050 5050	58 F 14 C	7.8	24500 19785	22 1.10	367 30.18	3770 64.00	94 2.40	0 .00	96 1.57	70 1.46	6695 188.80	.0 .00	.62 --	.2 11066	11996 1487	1564 41.5	X			
11/09/72 1015	5000 5050	58.1F 14.5C	8.2	5600 5875	69 3.44	117 9.82	1085 47.20	40 1.02	0 .00	491 8.05	135 2.81	1770 49.91	5.7 .09	1.10 --	.6 3464	3523 251	653 18.5				
05/06/73	5050 5050		8.7	6511	40 2.00	122 10.03	1012 44.02	12 .31	19 .63	347 5.69	137 2.85	1721 48.53	6.5 .10	.92 --	.4 3241	3599 286	602 18.0				
05/16/73 1345	5000 5050	61.7F 16.5C	8.4	6540 6101	80 3.99	125 10.28	1080 46.98	40 1.02	9.3 .31	497 8.15	130 2.71	1780 50.20	6.7 .11	1.10 --	.5 3496	3651 291	712 17.6				
05/05/73	5050 5050	58 F 14 C	7.1	30864	138 6.89	788 64.81	5793 252.00	172 4.40	0 .00	58 .95	913 19.01	10848 305.91	.0 .00	1.48 --	.8 18682	21440 3540	3590 42.1				
05/19/73	5050 5050		8.5	20996	250 12.48	528 43.42	3678 159.99	109 2.79	14 .47	340 5.57	1337 27.84	6569 185.25	.3 .00	.13 --	1.2 12653	13384 2495	2798 30.3				
05/21/73 1340	5000 5050	67.1F 19.5C	7.8	2640 2422	162 8.08	137 11.27	215 9.35	9.9 .25	0 .00	372 6.10	647 13.47	297 8.38	7.9 .13	.67 --	.5 1659	1754 663	948 3.0	F			
05/21/73 1240	5000 5050	64.4F 18.0C	8.1	1540 1423	142 7.09	77 6.33	79 3.44	2.3 .06	0 .00	464 7.60	257 5.35	120 3.38	.6 .01	.20 --	.3 966	962 291	631 1.1				
T-14.C BUELLTON HYDRO SUBUNIT																					
05/16/73 1130	5000 5050	70.7F 21.5C	7.8	1120 1017	77 3.84	50 4.11	75 3.26	3.9 .10	0 .00	320 5.24	159 3.31	90 2.54	2.0 .03	.31 --	.3 615	649 136	386 1.6				
05/16/73 1150	5000 5050	68.0F 20.0C	7.9	1280 1150	77 3.84	78 6.41	59 2.57	2.3 .06	0 .00	289 4.74	306 6.37	56 1.58	10.0 .16	.36 --	.4 731	782 276	507 1.1				
T-14.D SANTA YNEZ HYDRO SUBUNIT																					
05/16/73 0950	5000 5050	86.0F 30.0C	8.1	910 784	18 .90	35 2.88	105 4.57	3.8 .10	0 .00	357 5.85	41 .85	56 1.58	2.4 .04	.21 --	.2 437	459 0	185 3.1				
05/16/73 1005	5000 5050	66.2F 19.0C	8.4	850 776	37 1.85	81 6.66	27 1.17	1.0 .03	9.3 .31	471 7.72	23 .48	31 .87	6.2 .10	.10 --	.2 447	438 24	422 0.4	C			
11/09/72 0840	5000 5050	65.3F 18.5C	8.2	620 676	27 1.35	60 4.93	23 1.80	1.5 .04	0 .00	275 4.51	12 .25	84 2.37	10.5 .17	.12 --	.2 353	397 89	314 0.6				
05/16/73 1030	5000 5050	66.2F 19.0C	8.1	750 694	30 1.50	58 4.77	25 1.09	1.5 .04	0 .00	268 4.39	13 .27	87 2.45	12.4 .20	.07 --	.2 359	419 94	313 0.6				
05/16/73 0915	5000 5050	60.8F 16.0C	8.2	695 704	86 4.29	31 2.55	29 1.26	1.1 .03	0 .00	286 4.69	134 2.79	18 .51	1.9 .03	.14 --	.4 442	447 108	342 0.7				
05/16/73 1100	5000 5050	68.9F 20.5C	7.9	1070 902	41 2.05	73 6.00	49 2.13	1.6 .04	0 .00	317 5.20	122 2.54	70 1.97	17.6 .28	.15 --	.3 530	550 143	399 1.1				
T-15 T-15.A																					
SANTA BARBARA HYDRO UNIT ARGUELLO HYDRO SUBUNIT																					
04/11/73 1230	5000 5050	86.0F 30.0C	8.0	1200 1189	50 2.50	15 1.23	208 9.05	3.2 .08	0 .00	294 4.82	207 4.31	134 3.78	.2 .00	1.00 --	.5 763	772 0	187 6.6				

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM			
				CA	MG	NA	K	CO3	MC03	SO4	CL	NO3	B	F	IO5	TH		SAR		
CENTRAL COASTAL DRAINAGE PROVINCE																				
SANTA BARBARA HYDRO UNIT																				
SOUTH COAST HYDRO SUBUNIT																				
GOLETA HYDRO SUBAREA																				
11/06/72	5000 1300	5050	67.1F 19.5C	8.0	1052	138 6.89 54	38 3.13 25	60 2.61 21	1.2 .03	0 .00	345 5.65 45	247 5.14 41	56 1.58 13	3.0 .05	.11 --	.6 --	749 713	501 219	1.2	E
05/14/73	5000 1415	5050	68 F 20 C	8.0	793	74 3.69 44	35 2.88 34	42 1.83 22	2.6 .07 1	0 .00	185 3.03 36	226 4.71 57	20 .56 7	1.2 .02	.32 --	.7 --	502 492	329 177	1.0	
05/14/73	5000 1430	5050	61.7F 16.5C	8.0	780	74 3.69 44	34 2.80 33	44 1.91 23	2.6 .07 1	0 .00	185 3.03 36	223 4.64 56	22 .62 7	1.0 .02	.30 --	.7 --	500 492	326 173	1.1	
05/26/73	5050 5050	5050	67.0F 19.4C	8.2	1002	52 2.59 25	31 2.55 25	115 5.00 49	1.6 .04	0 .00	395 6.47 63	124 2.58 25	44 1.24 12	.0 .00	.18 --	.2 --	585 562	256 0	3.1	
05/26/73	5050 5050	5050	68.0F 20.0C	7.8	1506	103 5.14 33	63 5.18 33	117 5.09 33	3.1 .08	0 .00	135 2.21 14	535 11.14 72	59 1.66 11	28.0 .45 3	.70 --	.7 --	1097 975	515 406	2.2	E
11/06/72	5000 1335	5050	68.9F 20.5C	7.9	1656	103 5.14 37	53 4.36 23	208 9.05 48	19 .49 3	0 .00	535 8.77 46	245 5.10 27	170 4.79 25	18.0 .29 2	.51 --	.3 --	1109 1080	475 37	4.2	
05/14/73	5000 1500	5050	66 F 19 C	8.0	1456	27 1.50 10	50 4.11 28	200 8.70 59	19 .49 3	0 .00	305 5.00 34	238 4.96 33	165 4.65 31	17.0 .27 2	.55 --	.4 --	873 870	282 31	5.2	
SANTA BARBARA HYDRO SUBAREA																				
05/15/73	5000 0845	5050	73 F 23 C	7.6	752	51 2.54 34	29 2.38 32	59 2.57 34	1.5 .04 1	0 .00	156 2.56 35	170 3.54 48	42 1.18 16	6.8 .11 1	.00 --	.4 --	485 436	248 118	1.6	
11/06/72	5000 1135	5050	68.0F 20.0C	8.1	1029	103 5.14 43	39 3.21 43	80 3.48 29	1.4 .04	0 .00	297 4.87 41	211 4.39 37	84 2.37 20	9.5 .15 1	.03 --	.4 --	701 674	418 174	1.7	
05/15/73	5000 0830	5050	72 F 22 C	7.8	1079	91 4.54 41	39 3.21 29	78 3.39 30	1.6 .04	0 .00	249 4.08 37	210 4.37 39	89 2.51 23	8.2 .13 1	.14 --	.6 --	678 639	388 184	1.7	
06/27/73	5050 1330	5050	67 F 19 C	7.3	14158	96 4.79 4	205 16.86 13	2483 108.01 82	51 1.30 1	0 .00	231 3.79 3	380 7.91 6	4228 119.23 91	.0 .00	.58 --	.7 --	8424 7557	1084 894	32.8	
CARPINTERIA HYDRO SUBAREA																				
11/06/72	5000 1055	5050	62.6F 17.0C	7.8	836	98 4.89 51	30 2.47 26	49 2.13 22	1.3 .03	0 .00	323 5.29 56	148 3.08 32	31 .87 9	16.5 .27 3	.07 --	.3 --	559 533	368 104	1.1	
05/14/73	5000 1130	5050	63 F 17 C	7.9	564	68 3.39 55	20 1.64 27	24 1.04 17	2.6 .06 1	0 .00	161 2.64 44	145 3.02 50	13 .37 6	1.4 .02	.16 --	.5 --	359 353	254 120	0.7	
11/06/72	5000 1030	5050	68.0F 20.0C	7.7	826	98 4.89 53	31 2.55 27	42 1.83 20	1.4 .04	0 .00	272 4.46 48	153 3.19 34	51 1.44 15	14.5 .23 2	.09 --	.3 --	566 525	372 149	0.9	
05/14/73	5000 1315	5050	67.1F 19.5C	7.9	971	50 2.50 25	44 3.62 36	85 3.70 37	4.2 .11 1	0 .00	161 2.64 27	216 4.50 46	91 2.57 26	1.6 .03	.12 --	.5 --	598 571	305 174	2.1	
11/06/72	5000 0820	5050	67.1F 19.5C	7.9	967	103 5.14 46	35 2.88 26	70 3.05 27	3.4 .09 1	0 .00	348 5.70 51	165 3.44 31	69 1.95 18	1.2 .02	.19 --	.4 --	648 618	401 116	1.5	
06/28/73	5050 1600	5050	65.0F 18.3C	8.2	648	35 1.75 29	25 2.06 34	51 2.22 37	.8 .02	0 .00	152 2.49 41	141 2.94 49	21 .59 10	1.2 .02	.54 --	1.0 --	435 350	190 66	1.6	
11/06/72	5000 1120	5050	66.2F 19.0C	8.0	1365	99 4.94 34	47 3.87 26	135 5.87 40	1.3 .03	0 .00	393 6.44 44	67 1.39 10	212 5.98 41	49.5 .80 5	.62 --	.7 --	820 805	440 119	2.8	
05/14/73	5000 1100	5050	65.3F 18.5C	7.8	1410	82 4.09 31	56 4.61 35	106 4.61 35	1.0 .03	0 .00	180 2.95 26	-- 6.63 58	235 1.77 16	110	.22 --	.6 --	799	437 288	2.2	



TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN							MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TD5 SUN	IN NCH	SAR				
LOS ANGELES DRAINAGE PROVINCE																					
VENTURA RIVER HYDRO UNIT																					
UPPER VENTURA RIVER HYDRO SUBUNIT																					
10/03/72	U-02 U-02.B 04N/23W-15A02	5		8.0	1045	52 25	13 10	152 64	6.61	--	--	177 29	235 48	77 21	10.0 2	.60	.9	670*	185	4.9	
06/14/73	0800 5050	5	64.0F 17.8C	8.0	846	96 52	29 26	45 21	2.0 1	0	0	251 44	208 47	24 7	11.0 2	.61	.7	596 539	361 153	1.0	E
10/03/72	5121 5867	5		8.2	962	122 57	32 24	47 19	2.04	--	0	256 39	259 50	39 18	9.0 1	.60	.7	760*	435 226	1.0	E
06/14/73	0715 5050	5	63.0F 17.2C	8.2	874	106 53	31 26	46 20	2.2 1	0	0	283 48	204 44	22 6	12.0 2	.53	.7	623 563	391 140	1.0	E
06/14/73	0645 5050	5	65.0F 18.3C	7.8	780	82 50	27 27	43 23	2.0 1	0	0	199 40	179 46	32 11	17.0 3	.42	.7	543 400	315 153	1.1	
10/03/72	5121 5867	5		7.8	1548	180 52	43 20	110 28	4.79	--	0	409 38	346 41	130 21	.0	.50	.8	1073*	625 291	1.9	
OJAI HYDRO SUBUNIT																					
UPPER OJAI HYDRO SUBAREA																					
10/03/72	U-02.C U-02.C1 04N/22W-10K02	5		8.0	1382	120 41	34 19	133 40	5.79	--	--	360 41	245 35	111 22	16.0 2	.50	.7	873*	440	2.8	
06/14/73	1015 5050	5	66.0F 18.9C	8.2	1079	82 35	27 19	126 46	5.48	.7	0	341 48	134 24	110 27	9.8 1	.39	.8	677 658	318 36	3.1	
10/03/72	5121 5867	5		7.9	480	38 40	12 .99	43 1.87	1.87	--	--	281 4.61	.0 .00	18 .51	--	.10	.4	313*	145	1.6	
06/14/73	0830 5050	5	69.0F 20.5C	8.3	1162	123 50	29 19	88 31	3.83	1.1	0	251 34	205 35	124 29	20.0 3	.20	.7	743 714	426 221	1.9	
10/03/72	5121 5867	5		7.7	1461	114 38	34 19	152 44	6.61	--	--	409 6.70	163 3.39	176	--	.50	.5	890*	425	3.2	
OJAI HYDRO SUBAREA																					
06/14/73	0900 5050	5	66.0F 18.9C	7.9	808	97 56	29 28	32 16	1.0 1.39	0	0	216 42	172 43	21 7	42.0 8	.00	.6	537 501	362 183	0.7	
06/14/73	0930 5050	5	64.0F 17.8C	8.2	933	124 60	29 23	40 17	.8 1.74	0	0	263 42	200 4.16	44 12	37.0 6	.02	.7	658 604	431 213	0.8	E
10/03/72	5121 5867	5		7.8	1030	116 51	34 25	63 24	2.74	--	--	256 4.20	274 5.70	50 1.41	--	1.10	.7	748*	430	1.3	E
SANTA CLARA-CALLEGUAS HYDRO UNIT																					
OXNARD PLAIN HYDRO SUBUNIT																					
OXNARD HYDRO SUBAREA																					
10/02/72	U-03 U-03.A U-03.A1 01N/21W-04N02	5		7.8	1016	72 35	27 22	100 43	4.35	--	--	293 4.80	202 4.21	51 1.44	--	.40	.5	650*	290	2.6	
10/07/72	5121 5867	5		7.6	1607	172 49	50 24	110 27	4.79	--	--	275 4.51	528 10.99	86 2.43	--	.60	.7	1173*	635	1.9	E
06/11/73	1155 5050	5	64.0F 17.8C	7.9	1434	143 44	52 26	110 29	4.5 4.79	0	0	240 3.93	461 9.60	92 2.59	.0	.60	.6	1068 981	571 375	2.0	E
06/06/73	1000 5050	5	67.0F 19.4C	8.1	1177	117 44	39 24	92 30	4.0 4.00	0	0	243 31	375 60	42 9	.8	.64	.6	873 790	453 254	1.9	E

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS	TH	SAR		
U U-03 U-03.A U-03.A1 LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA																			
06/05/73	5121 0815			101 5.04 41	34 2.80 23	101 4.39 36	3.9 .10 1	0 .00 0	297 4.87 40	282 5.87 48	51 1.44 12	.0 .00 0	.62 --	.6 --	602 720	392 149	2.2	E	
06/06/73	5121 1015	68.0F 20.0C	8.1	90 4.49 38	34 2.80 24	103 4.48 38	4.0 .10 1	0 .00 0	285 4.87 40	256 5.33 46	59 1.66 14	.0 .00 0	.56 --	.6 --	730 687	364 131	2.3		
06/13/73	5050	69.0F 20.5C	8.0	90 4.49 42	31 2.55 24	82 3.57 33	2.2 .06 1	0 .00 0	221 3.62 34	256 5.33 51	56 1.58 15	.1 .00 0	.32 --	.6 --	710 626	352 171	1.9	E	
06/07/73	5121 1110	75.0F 23.9C	7.8	114 5.69 44	35 2.88 22	98 4.26 33	3.4 .09 1	0 .00 0	237 3.86 31	363 7.56 60	43 1.21 10	.0 .00 0	.46 --	.3 --	833 773	429 235	2.1	E	
06/05/73	5121 0745		7.8	122 6.09 38	47 3.87 24	134 5.83 37	3.8 .10 1	0 .00 0	201 3.29 21	421 8.77 56	124 3.50 22	.0 .00 0	.47 --	.4 --	1034 951	497 334	2.6	E	
06/12/73	5121 0800		8.1	118 5.69 45	40 3.29 25	90 3.92 30	3.9 .10 1	0 .00 0	279 4.57 35	346 7.20 55	43 1.21 9	1.2 .02 0	.66 --	.5 --	855 780	459 231	1.8	E	
06/13/73	5050	69.0F 20.5C	8.3	145 7.24 28	86 7.07 28	252 10.96 43	8.5 .22 1	0 .00 0	297 4.87 19	776 16.16 64	140 3.95 16	9.4 .15 1	1.11 --	.9 --	1722 1564	718 472	4.1	E	
10/05/72	5121 5867		7.5	76 3.79 35	34 2.80 26	95 4.13 39	-- --	-- --	89 3.10 28	326 6.79 61	41 1.16 10	.0 .00 0	.40 --	.7 --	713*	330	2.3		
06/07/73	5121 1055	68.0F 20.0C	8.0	105 5.24 43	34 2.80 23	93 4.05 33	3.7 .09 1	0 .00 0	283 4.64 39	279 5.81 49	52 1.47 12	.0 .00 0	.35 --	.3 --	765 786	402 170	2.0		
05/23/73	5121 0705	62.0F 16.7C	8.0	71 3.54 20	46 3.78 21	233 10.14 57	7.5 .19 1	0 .00 0	330 5.41 31	273 5.68 33	225 6.35 36	1.2 .02 0	.53 --	.3 --	1070 1019	366 96	5.3		
10/03/72	5121 5867		7.5	124 6.19 45	40 3.29 24	100 4.35 31	-- --	-- --	293 4.80 36	365 7.60 66	59 1.66 16	-- --	.50 --	.6 --	920*	475	2.0	E	
04/26/73	5121 5999		7.7	90 4.49 40	32 2.63 24	89 3.87 35	5.0 .13 1	-- --	239 3.92 4.58	220 4.58 2.14	74 2.14 --	-- --	.40 37.0	.3 --	730	356	2.1	E	
04/26/73	5121 5999		7.7	72 3.59 37	26 2.14 22	89 3.87 40	6.4 .16 2	-- --	268 4.39 3.54	170 3.54 1.92	68 1.92 --	-- --	.40 37.0	.2 --	661	288	2.3		
04/26/73	5121 5999		7.5	106 5.29 33	36 2.96 19	170 7.40 47	6.0 .15 1	-- --	288 4.72 6.66	320 6.66 4.29	152 4.29 --	-- --	.40 39.0	.4 --	1050	412	3.6		
04/26/73	5121 5999		7.9	94 4.69 39	34 2.80 23	100 4.35 36	6.0 .15 1	-- --	254 4.16 6.45	310 6.45 1.80	64 1.80 --	-- --	.60 35.0	.3 --	765	376	2.2	E	
04/26/73	5121 5999		7.7	91 4.54 39	33 2.71 23	96 4.18 36	5.6 .14 1	-- --	229 3.75 6.04	290 6.04 1.69	60 1.69 --	-- --	.30 35.0	.3 --	770	364	2.2		
10/10/72	5050 5050	68 F 20 C	8.0	1850 6.39 30	128 4.61 22	226 9.83 47	8.7 .22 1	0 .00 0	303 4.97 24	403 8.39 41	259 7.36 35	3.0 .05 0	.72 --	.4 --	1295 1233	550 302	4.2		
10/10/72	5050 1200	68 F 20 C	7.9	950 3.74 34	75 2.47 22	108 4.70 43	3.4 .09 1	0 .00 0	283 4.64 43	233 4.85 45	45 1.27 12	2.0 .03 0	.35 --	.3 --	664 636	311 79	2.7		
06/13/73	5050 5050	69.0F 20.5C	8.2	117 5.64 44	42 3.45 26	88 3.83 29	4.4 .11 1	0 .00 0	283 4.64 36	326 6.79 52	49 1.38 11	8.8 .14 1	.72 --	.8 --	57 75	447 233	1.8		
05/17/73	5121 0910	69.0F 20.5C	8.1	113 5.64 42	43 3.54 27	92 4.00 30	4.2 .11 1	0 .00 0	252 4.13 32	371 7.72 59	41 1.16 9	.4 .01 0	.66 --	.6 --	844 787	459 253	1.9	E	

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	8	F	TO5	TH	5AR		
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT ORNARDO PLAIN HYDRO SUBUNIT ORNARDO HYDRO SUBAREA																			
05/30/73 1440	5121 5050			120 5.99 45	40 3.29 25	92 4.00 30	3.9 .10 1	0 .00	260 4.26 32	377 7.05 99	41 1.16 9	.0 .00	.64 --	.6 --	860 802	444 251	1.9	E	
06/12/73 0845	5121 5050	73.0F 22.8C	8.0	138 6.89 46	44 3.62 24	97 4.22 28	4.0 .10 1	0 .00	250 4.10 28	438 9.12 83	46 1.30 9	.3 .00	.67 --	.6 --	959 891	526 321	1.8	E	
05/23/73 0810	5121 5050	64.0F 17.8C	8.0	171 6.53 47	60 4.93 27	105 4.57 25	4.8 .12 1	0 .00	292 4.79 27	537 11.18 63	62 1.75 10	9.2 .15 1	.68 --	.6 --	1197 1093	673 434	1.8	E C	
04/18/73 5867	5121 5867		7.4	126 6.29 49	35 2.88 22	86 3.74 29	-- --	-- --	239 3.92	384 7.99	44 1.24	-- --	.80 --	.6 --	880*	460	1.7	E	
11/13/72 5867	5121 5867		7.6	122 6.09 46	39 3.21 24	92 4.00 30	-- --	-- --	244 4.00	379 7.89	43 1.21	-- --	.70 --	.7 --	923*	465	1.9	E	
11/13/72 5867	5121 5867			132 5.59 52	30 2.47 19	85 3.70 29	-- --	-- --	256 4.20	365 7.60	41 1.16	-- --	.60 --	.7 --	835*	455	1.7	E	
10/09/72 5050	5050	66 F 19 C	28000 7.6	650 32.44 11	634 52.14203.58 18	4680 70	46 1.18	0 .00	246 4.03	1424 29.65251.54 10	8920 .54 88	.8 .01	2.15 --	1.1 --	17420 16478	4230 4031	31.3	E	
10/06/72 1500	5050	64 F 18 C	7.9	120 5.99 46	37 3.04 24	86 3.74 29	4.5 .12 1	0 .00	237 3.88	254 5.29	47 1.33 13	2.4 .04	.64 --	.5 --	819 668	452 258	1.8	E S	
04/18/73 5867	5121 5867		7.4	148 7.39 52	35 2.88 20	90 3.92 28	-- --	-- --	248 4.06	386 8.04	87 2.45	-- --	.70 --	.7 --	948*	515	1.7	E	
06/13/73 1200	5050	66.0F 18.9C	7.7	132 6.59 47	40 3.29 23	95 4.13 29	4.7 .12 1	0 .00	223 3.65	389 8.10	71 2.00 14	5.2 .08 1	.66 --	.7 --	855 847	496 312	1.9	E	
10/09/72 5050	5050	67 F 19 C	7.8	700 34.93 20	395 32.48109.62 18	2520 62	22 .56	0 .00	239 3.92	1908 20.99150.93 12	5352 .93 86	.8 .01	1.40 --	1.1 --	10770 10117	3370 3177	18.9	E	
10/05/72 1400	5050		7.5	8000 8130 57	1043 52.05 30	331 27.22 13	289 11.70 13	12 .31	0 .00	190 3.11	576 11.99 13	2663 75.10 83	1.6 .03	.65 --	.8 --	5675 4990	3963 3811	1.9	E
10/05/72 1100	5050	65 F 18 C	7.4	1253 62.52 55	403 33.14 29	400 17.40 15	14 .37	0 .00	181 2.97	670 13.95 13	3350 94.47 85	.5 .01	.70 --	.7 --	7026 6181	4703 4638	2.5	E	
05/17/73 1025	5121 5050	68.0F 20.0C	8.0	120 5.99 45	40 3.29 25	88 3.83 29	4.1 .10 1	0 .00	253 4.15	370 7.70	42 1.18 9	.2 .00	.66 --	.5 --	846 789	444 257	1.8	F	
05/17/73 1100	5121 5050	64.0F 17.8C	8.0	140 6.99 44	51 4.19 26	108 4.70 29	4.4 .11 1	0 .00	265 4.34	485 10.10	47 1.33 8	16.5 .27 2	.64 --	.6 --	1041 983	559 342	2.0	E	
05/17/73 1130	5121 5050	65.0F 18.3C	7.9	380 18.96 52	127 10.44 29	155 6.74 19	7.3 .19 1	0 .00	203 3.33	412 8.58	855 24.11 67	.4 .01	.64 --	.5 --	2579 2037	1470 1305	1.8	E T	
10/08/72 1200	5050	66.0F 18.9C	7.7	291 14.52 48	85 6.99 23	200 8.70 29	7.1 .18 1	0 .00	239 3.92	430 8.95	609 17.17 57	1.2 .02	.68 --	.7 --	1868 1741	1076 880	2.7	E	
05/17/73 1210	5121 5050	69.0F 20.5C	8.2	75 3.74 40	23 1.89 20	85 3.70 39	3.7 .09 1	0 .00	348 5.70	61 1.27	86 2.43 24	.8 .01	.62 --	.5 --	539 506	282 0	2.2	E	
05/17/73 1240	5121 5050	65.0F 18.3C	8.3	67 3.34 30	24 1.97 18	132 5.74 51	5.6 .14 1	0 .00	304 4.98	246 5.12	36 1.02 9	2.6 .04	.39 --	.2 --	686 663	246 17	3.5	E	
06/12/73 1055	5121 5050	77.0F 25.0C	8.1	120 5.99 43	45 3.70 26	96 4.18 30	4.1 .18 1	0 .00	240 3.93	422 8.79	39 1.10 8	3.7 .08	.66 --	1.0 --	920 848	485 288	1.9	E	



TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PM EC	MINERAL CONSTITUENTS IN							MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	S	F	IDS SUN	TH MCM	SAR				
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA																					
06/13/73 0930	5050 5050	61.0F 16.1C	7.9	1636	164 8.18 43	62 5.10 27	128 5.57 29	4.7 .12 1	0 .00	266 4.36 23	610 12.70 67	61 1.72 9	4.0 .06	.68 --	.9 --	1310 1165	643 446	2.2	E		
02N/22W-13G02 S																					
05/30/73 1205	5121 5050		8.1	1464	127 6.34 30	60 4.93 30	120 5.22 31	4.0 .12 1	0 .00	171 2.80 17	567 11.80 72	61 1.72 10	8.7 .14 1	.80 --	1.0 --	1178 1033	564 424	2.2	E		
02N/22W-14L05 S																					
06/13/73 1000	5050 5050	62.5F 16.9C	7.9	1533	157 7.63 42	61 5.02 27	126 5.48 30	5.1 .13 1	0 .00	322 5.28 29	530 11.03 61	55 1.55 9	14.0 .23 1	.70 --	.8 --	1117 1107	641 379	2.2	E		
02N/22W-14P02 S																					
11/27/72 5867	5411 5867		7.0	1083	198 9.68 46	58 4.77 22	152 6.61 31	-- --	-- --	317 5.20 25	638 13.28 63	69 1.95 9	37.0 .60 3	.90 --	.8 --		735	2.4			
02/26/73 5867	5411 5867		7.4	1792	202 10.08 49	56 4.61 22	140 6.09 29	-- --	-- --	279 4.57 22	677 14.10 60	72 2.03 10	9.0 .15 1	.90 --	.8 --		735	2.2			
06/15/73 5867	5411 5867		7.7	1256	122 6.09 44	43 3.54 25	100 4.35 31	-- --	-- --	244 4.00 29	404 8.41 61	42 1.18 9	10.0 .16 1	.70 --	.8 --		480	2.0			
09/04/73 5867	5411 5867		7.4	1392	140 8.99 42	52 4.28 26	120 5.22 32	-- --	-- --	268 4.39 27	496 10.33 63	50 1.41 9	15.0 .24 1	.50 --	.7 --		565	2.2			
02N/22W-15001 S																					
06/13/73 1045	5050 5050	64.0F 17.8C	7.7	1725	163 8.13 40	66 5.43 27	149 6.48 32	6.1 .16 1	0 .00	276 4.52 23	584 12.16 61	79 2.23 11	66.0 1.06 5	.79 --	.8 --	1256 1250	678 452	2.5	E		
02N/22W-16Q01 S																					
06/11/73 1330	5121 5050		8.1	1433	121 6.04 37	54 4.44 37	129 5.61 35	4.7 .12 1	0 .00	225 3.69 23	513 10.68 66	54 1.52 9	15.5 .25 2	.66 --	1.0 --	1113 1002	524 340	2.5	E		
02N/22W-17Q05 S																					
05/30/73 1130	5121 5050	72.0F 22.2C	8.1	2245	220 10.98 41	77 6.33 23	210 9.48 35	6.2 .16 1	0 .00	183 3.00 11	892 18.57 70	139 3.92 15	75.3 1.21 5	.80 --	1.0 --	1836 1718	866 716	3.2	E		
02N/22W-23801 S																					
11/27/72 5867	5411 5867		7.2	1733	188 9.38 47	60 4.93 25	133 5.79 29	-- --	-- --	281 4.61 23	643 13.39 66	68 1.92 9	20.0 .32 2	.90 --	.8 --		715	2.2			
02/26/73 5867	5411 5867		7.3	1820	204 10.18 49	52 4.28 21	145 6.31 30	-- --	-- --	286 4.69 23	643 13.39 66	73 2.06 10	9.0 .15 1	.90 --	.8 --		725	2.3			
06/15/73 5867	5411 5867		7.7	1302	144 7.19 44	46 3.78 23	120 5.22 32	-- --	-- --	275 4.51 20	496 10.33 63	48 1.35 8	11.0 .18 1	.70 --	.8 --		550	2.2			
09/04/73 5867	5411 5867		7.4	1382	148 7.39 47	45 3.70 23	110 4.79 30	-- --	-- --	250 4.10 26	490 10.20 65	47 1.33 8	11.0 .18 1	.70 --	.8 --		555	2.0			
02N/22W-23802 S																					
11/27/72 5867	5411 5867		7.1	1836	200 9.98 49	57 4.89 23	133 5.79 28	-- --	-- --	281 4.61 23	634 13.20 65	70 1.97 10	29.0 .47 2	.90 --	.8 --		735	2.1			
02/26/73 5867	5411 5867		7.4	1748	196 9.78 48	57 4.69 23	140 6.09 30	-- --	-- --	275 4.51 22	648 13.49 66	73 2.04 10	16.0 .26 1	.70 --	.8 --		725	2.3			
02N/22W-23C01 S																					
11/27/72 5867	5411 5867		7.1	1776	192 9.58 47	67 5.51 27	118 5.13 25	-- --	-- --	299 4.90 24	624 12.99 64	66 1.86 9	33.0 .53 3	.80 --	.8 --		755	1.9			
02/26/73 5867	5411 5867		7.5	1748	198 9.08 49	52 4.28 21	140 6.09 30	-- --	-- --	290 4.75	--	67 1.89	9.0 .15	.90 --	.8 --		710	2.3			
06/15/73 5867	5411 5867		7.7	1207	133 6.64 47	46 3.78 27	88 3.83 27	-- --	-- --	282 4.29 30	416 8.66 60	44 1.24 9	8.0 .13 1	.70 --	.8 --		525	1.7			
09/04/73 5867	5411 5867		7.5	1272	126 6.29 45	47 3.87 27	90 3.92 26	-- --	-- --	256 4.20 30	408 8.45 60	42 1.18 8	10.0 .16 1	.80 --	.7 --		510	1.7			
02N/22W-23C02 S																					
11/27/72 5867	5411 5867		7.2	1578	178 8.88 50	58 4.81 28	100 4.35 24	-- --	-- --	275 4.51 25	552 11.49 64	60 1.69 9	18.0 .26 1	.80 --	.8 --		675	1.7			
02/26/73 5867	5411 5867		7.5	1791	218 10.88 52	55 4.52 21	130 5.66 27	-- --	-- --	286 4.89 22	682 14.20 67	74 2.09 10	11.0 .18 1	1.00 --	.8 --		770	2.0			
06/15/73 5867	5411 5867		7.8	1156	117 5.84 44	38 3.13 24	99 4.31 32	-- --	-- --	250 4.10 31	380 7.91 80	37 1.04 8	9.0 .15 1	.70 --	.8 --		450	2.0			
09/04/73 5411			7.4	1448	148 7.38 41	50 4.11 25	110 4.79 29	-- --	-- --	282 4.29 27	484 10.88 63	49 1.38 9	14.0 .23 1	.50 --	.7 --		575	2.0			

SEE PAGE 372 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE E-1 (CONT.)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL ANALYSES OF GROUND WATER					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REM
				MINERAL CONSTITUENTS IN					PERCENT REACTANCE VALUE					B	F	IDS SUM	TM NCN	5AR	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	8						
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEJONS HYDRO UNIT DANARO PLAIN HYDRO SUBUNIT DANARO HYDRO SUBAREA																			
U U-03 U-03.A U-03.A1																			
11/27/72	5411 5867		7.1 1653	164 46	54 26	113 26	--	--	256 4.20	538 11.20	63 1.76	14.0 .23	.90	--		440	1.9		
02/26/73	5411 5867		7.3 1662	186 49	50 22	125 29	--	--	279 4.57	586 12.20	66 1.86	13.0 .21	.90	.9		670	2.1		
06/15/73	5411 5867		7.7 1114	115 45	35 23	94 32	--	--	238 3.90	360 7.50	35 .99	11.0 .18	.70	.8		435	2.0		
09/04/73	5411 5867		7.3 1382	142 45	49 25	110 30	--	--	226 3.70	500 10.41	48 1.35	10.0 .16	.80	.9		556	2.0		
11/27/72	5411 5867	02N/22W-23G02 5	7.3 1592	140 7.39 43	51 4.19 25	126 5.48 32	--	--	238 3.90	533 11.10	66 1.86	12.0 .19	1.00	.9		580	2.3		
02/26/73	5411 5867		7.4 1734	206 51	45 18	140 30	--	--	283 4.64	643 13.39	66 1.86	10.0 .16	1.00	.9		700	2.3		
06/27/73	5411 5867		7.2 1208	116 5.79 43	43 3.54 26	98 4.26 31	--	--	250 4.10	390 8.12	38 1.07	9.0 .15	.70	.8		464	2.0		
09/04/73	5411 5867		7.4 1372	140 6.99 42	57 4.69 28	110 4.79 29	--	--	244 4.00	516 10.74	46 1.30	13.0 .21	.80	.8		585	2.0		
11/27/72	5411 5867	02N/22W-23K01 5	7.2 1917	214 10.68 49	67 5.51 25	126 5.48 25	--	--	305 5.00	672 13.99	78 2.14	35.0 .56	.90	.9		810	1.9		
02/26/73	5411 5867		7.3 1706	200 9.98 52	52 4.28 22	110 4.79 25	--	--	275 4.51	600 12.49	66 1.86	15.0 .24	.80	.8		715	1.8		
06/15/73	5411 5867		7.7 1242	128 6.39 46	40 3.29 24	94 4.09 30	--	--	244 4.00	404 8.41	39 1.18	10.0 .16	.60	.8		485	1.9		
09/04/73	5411 5867		7.3 1212	124 6.19 44	47 3.87 28	92 4.00 28	--	--	238 3.90	420 8.74	40 1.13	18.0 .29	.70	.8		505	1.8		
11/27/72	5411 5867	02N/22W-23K04 5	7.2 1368	142 7.09 50	33 2.71 19	100 4.35 31	--	--	262 4.29	413 8.60	48 1.35	--	.70	.7		490	2.0		
02/26/73	5411 5867		7.4 1358	142 7.09 50	33 2.71 19	100 4.35 31	--	--	268 4.39	413 8.60	47 1.33	--	.60	.7		490	2.0		
11/27/72	5411 5867	02N/22W-23K05 5	7.1 1567	156 7.78 45	58 4.77 28	106 4.61 27	--	--	275 4.51	542 11.28	58 1.64	13.0 .21	.80	.7		630	1.8		
02/26/73	5411 5867		7.5 1551	178 6.88 51	50 4.11 24	100 4.35 25	--	--	265 4.34	542 11.28	61 1.72	10.0 .16	.90	.8		450	1.7		
06/15/73	5411 5867		7.8 1270	141 7.04 49	40 3.29 23	92 4.08 28	--	--	250 4.10	424 8.83	45 1.27	9.0 .15	.70	.7		520	1.8		
09/04/73	5411 5867		7.5 1272	132 6.59 44	47 3.87 26	100 4.35 29	--	--	256 4.20	436 9.08	43 1.21	11.0 .18	.60	.8		525	1.9		
05/18/73	5121 1220	02N/22W-24P01 5	64.0F 17.8C 8.1 1422	140 6.99 44	50 4.11 26	110 4.79 30	4.4 .12	0 .00	270 4.43	485 10.10	50 1.41	7.4 .12	.61	.6	1068 980	555 334	2.0	E	
05/23/73	5121 1130	02N/22W-25P01 5	73.0F 22.8C 8.3 1950	211 10.53 45	73 6.00 26	156 6.79 29	6.2 .16	0 .00	310 5.08	788 16.41	61 1.72	11.6 .19	.85	.7	1601 1460	827 573	2.4	E C	
10/02/72	5411 5867	02N/22W-26F99 5	7.5 1547	156 7.78 45	58 4.77 28	110 4.79 28	--	--	293 4.80	485 10.10	60 1.69	23.0 .37	.70	.8		630	1.9		
10/30/72	5411 5867		7.5 1532	156 7.88 47	50 4.11 24	110 4.79 29	--	--	275 4.51	514 10.70	57 1.61	16.0 .24	.70	.8		400	2.0		
11/27/72	5411 5867		7.1 1557	158 7.88 49	41 3.37 21	110 4.79 30	--	--	275 4.51	490 10.20	58 1.64	9.0 .15	.80	.7		545	2.0		
02/05/73	5411 5867		7.4 1422	158 7.88 52	36 2.96 19	100 4.35 29	--	--	261 4.28	444 9.29	54 1.52	11.0 .18	.60	.8		545	1.9		

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REN
					CA	Mg	NA	K	CO3	HCO3	SO4	CL	NO3	0	F	TDS	TH	
U LOS ANGELES DRAINAGE PROVINCE U-03 SANTA CLARA-CALLEQUAS HYDRO UNIT U-03.A OXNARD PLAIN HYDRO SUBUNIT U-03.A1 OXNARD HYDRO SUBAREA																		
02/26/73	5411 5867					144	30	100	--	--	265	418	47	--	.48	.7	485	2.0
			7.5	1358	7.19	2.47	4.35				4.34	8.70	1.33		--			
04/02/73	5411 5867					184	39	110	--	--	274	504	63	14.0	.60	.8	620	1.9
			7.3	1544	9.18	3.21	4.79				4.49	10.49	1.78	.23	--			
05/30/73	5411 5867					140	41	95	--	--	265	400	47	12.0	.70	.8	520	1.8
			7.2	1230	6.99	3.37	4.13				4.34	6.33	1.33	.19	--			
06/15/73	5411 5867					146	44	110	--	--	262	470	49	12.0	.80	.7	545	2.0
			7.8	1348	7.29	3.62	4.79				4.29	9.79	1.38	.19	--			
06/25/73	5411 5867					140	69	130	--	--	275	556	57	19.0	.60	.7	635	2.2
			7.3	1448	6.99	5.67	5.66				4.51	11.58	1.61	.31	--			
08/06/73	5411 5867					150	49	120	--	--	265	460	56	22.0	.85	.7	577	2.2
			7.3	1358	7.49	4.03	5.22				4.34	9.99	1.58	.35	--			
09/04/73	5411 5867					148	46	120	--	--	262	504	50	15.0	.50	.7	540	2.2
			7.4	1409	7.39	3.78	5.22				4.29	10.49	1.41	.24	--			
10/06/72	5121 5867					158	60	110	--	--	275	528	65	10.0	.60	.8	1215*	440
			7.7	1582	7.88	4.93	4.79				4.51	10.99	1.83	.16	--			
10/07/72	5121 5867					170	60	106	--	--	348	480	63	14.0	.60	.7	1225*	670
			7.7	1606	8.48	4.93	4.61				5.70	9.99	1.70	.23	--			
06/11/73	5121 1105	64.0F 17.8C				207	77	144	5.6	0	270	761	66	28.6	.84	.7	1542	833
	5050		8.0	1915	10.33	6.33	6.26	.14	.00		4.43	15.84	1.84	.46	--		1423	412
10/09/72	5121 5867					150	41	100	--	--	262	432	48	14.0	.50	.7	1025*	545
			7.7	1407	7.49	3.37	4.35				4.29	8.99	1.35	.23	--			
10/06/72	5121 5867					182	60	100	--	--	305	547	65	22.0	.60	.7	1240*	700
			7.7	1618	9.08	4.93	4.35				5.00	11.39	1.83	.35	--			
10/09/72	5121 5867					172	52	132	--	--	262	586	76	14.0	.60	.8	1220*	645
			7.7	1631	8.58	4.28	5.74				4.29	12.20	2.14	.23	--			
10/08/72	5121 5867					204	72	200	--	--	305	821	87	12.0	.80	.7	1725*	805
			7.7	2069	10.18	5.92	8.70				5.00	17.09	2.45	.19	--			
06/11/73	5121 1055	65.0F 18.3C				153	56	106	4.7	0	267	511	58	5.9	.76	1.1	1113	412
	5050		8.2	1464	7.63	4.61	4.61	.12	.00		4.38	10.64	1.64	.10	--		1027	393
05/21/73	5121 0645					134	51	178	5.2	0	323	521	81	.6	.68	.5	1249	544
	5050		8.0	1706	6.69	4.19	7.40	.13	.00		5.29	10.85	2.28	.01	--		1122	280
10/08/72	5121 5867					190	45	152	--	--	275	614	89	9.0	.40	.6	1348*	440
			7.8	1778	9.48	3.70	6.61				4.51	12.78	2.51	.15	--			
10/10/72	5050 1400	68 F 20 C				30	34	128	6.7	0	236	150	102	.3	.37	.3	587	215
	5050		8.5	850	1.58	2.80	5.57	.17	.00		3.87	3.12	2.88	.00	--		567	22
10/10/72	5050 1500	68 F 20 C				445	767	5400	124	0	209	1403	10184	10.8	2.25	1.0	19172	4265
	5050		7.4	26896	22.21	63.08	234.99	3.17	.00		3.43	29.21	207.19	.17	--		18439	4096
					7	20	73	1			1	9	90					36.0
U-03.A2 PLEASANT VALLEY HYDRO SUBAREA 01N/21W-01804																		
10/02/72	5121 5867					58	68	218	--	--	165	389	254	--	.40	.4	1220*	425
			7.4	1670	2.89	5.59	9.14				2.70	8.18	7.16		--			
10/01/72	5121 5867					92	34	126	--	--	281	274	90	--	.40	.5	430*	370
			7.9	1258	4.59	2.80	5.48				4.61	5.70	2.54		--			



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER										MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	MCO3	SO4	CL	NO3	0	F	TDS SUM	TN NCM	SAR		
				LOS ANGELES DRAINAGE PROVINCE															
				SANTA CLARA-CALLENAS HYDRO UNIT															
				ONMORO PLAIN HYDRO SUBUNIT															
				PLEASANT VALLEY HYDRO SUBAREA															
04/06/73	5121	70.0F		73	32	118	3.1	0	186	276	78	.0	.33	.3	730	314			
0810	5050	21.1C	7.8 1057	3.64	2.63	4.79	.08	.00	3.05	5.75	2.20	.00		--	664	141	2.7		
				33	24	43	1		28	52	20								
05/31/73	5411			94	45	160	--	--	286	336	121	--	.60	.4		420		3.4	
	5867		7.7 1498	4.69	3.70	6.96			4.69	7.00	3.41		--	--					
				31	24	45													
10/04/72	5121			108	28	95	--	--	281	283	51	--	.40	.5	788*	305		E	
	5867		7.9 1108	5.39	2.30	4.13			4.61	5.89	1.44		--	--			2.1		
				46	19	35													
10/04/72	5121			230	84	200	--	--	360	658	288	--	.40	.6	1846*	920		E	
	5867		7.7 2367	11.48	6.91	8.70			5.90	13.70	8.12		--	--			2.9		
				42	26	32													
05/29/73	5121	74.0F		62	27	104	4.2	0	156	269	61	.1	.32	.6	677	266			
1435	5050	23.3C	8.0 969	3.09	2.22	4.52	.11	.00	2.56	5.60	1.72	.00	--	--	604	138	2.8		
				31	22	45	1		26	57	17								
10/02/72	5121			58	66	152	--	--	616	.0	174	--	.40	.5	895*	415			
	5867		8.0 1434	2.89	5.43	6.61			10.10	.00	4.91		--	--			3.2		
				19	36	44													
05/18/73	5121	80.0F		80	26	216	4.9	0	360	221	180	1.6	.63	.3	981	307			
0755	5050	26.6C	8.2 1534	3.99	2.14	9.40	.13	.00	5.90	4.60	5.08	.03	--	--	907	12	5.4		
				25	14	60	1		38	29	33								
10/04/72	5121			108	28	138	--	--	342	283	81	.0	.40	.5	870*	385			
	5867		7.9 1305	5.39	2.30	6.00			5.61	5.89	2.28	.00	--	--			3.1		
				39	17	44			41	43	17								
05/23/73	5121			143	53	109	4.6	0	262	502	50	10.8	.72	.6	1086	575		E	
1415	5050		8.2 1434	7.14	4.36	4.74	.12	.00	4.29	10.45	1.41	.17	--	--	1002	361	2.0		
				44	27	29	1		26	64	9	1							
05/23/73	5121			71	36	91	3.7	0	227	230	69	.0	.31	.3	679	325			
1500	5050		8.0 1019	3.54	2.96	3.96	.09	.00	3.72	4.79	1.95	.00	--	--	613	139	2.2		
				34	28	38	1		36	46	19								
				SANTA PAULA HYDRO SUBUNIT															
				SANTA PAULA HYDRO SUBAREA															
06/13/73	5050	76.0F		177	44	220	5.2	0	232	784	59	16.0	.57	.7	1536	423		E	
0900	5050	24.4C	8.0 1983	8.83	3.62	9.57	.13	.00	3.80	16.32	1.66	.26	--	--	1420	433	3.8		
				40	16	43	1		17	74	8	1							
06/18/73	5411			182	50	220	--	--	268	760	63	17.0	.40	.5		640		3.7	
	5867		7.3 1968	9.08	4.11	9.57			4.39	15.82	1.78	.27	--	--					
				40	18	42			20	71	8	1							
06/06/73	5121	74.0F		66	13	173	3.3	0	203	341	54	2.5	.59	.7	792	218			
1705	5050	23.3C	8.2 1161	3.29	1.07	7.53	.08	.00	3.33	7.10	1.52	.04	--	--	753	52	5.1		
				27	9	63	1		28	59	13								
10/06/72	5411			218	62	148	--	--	311	744	68	--	.80	.8		800			
	5867		7.3 1857	10.88	5.10	6.44			5.10	15.49	1.92		--	--			2.3		
				49	23	29													
06/13/73	5050	65.0F		177	63	128	3.8	0	324	578	71	6.6	.88	.9	1326	701		E	
0700	5050	18.3C	7.9 1706	8.83	5.18	5.57	.10	.00	5.31	12.03	2.00	.11	--	--	1188	435	2.1		
				45	26	28	1		27	62	10	1							
05/20/73	5121	60 F		95	30	25	1.5	0	200	238	5.0	.0	.04	.4	540	361		E	
0800	5050	16 C	8.1 758	4.74	2.47	1.09	.04	.00	3.28	4.96	.14	.00	--	--	493	197	0.6		
				57	30	13			39	59	2								
				SISAR HYDRO SUBAREA															
10/03/72	5121			94	24	28	--	--	256	154	12	10.0	.10	.5	535*	335		E	
	5867		7.8 730	4.69	1.97	1.13			4.20	3.21	.34	.16	--	--			0.6		
				60	25	15			53	41	4	2							
				SESPE HYDRO SUBUNIT															
				FILLMORE HYDRO SUBAREA															
06/14/73	5050	66.0F		142	52	100	4.8	3.5	279	475	28	19.0	.72	1.0	1038	548		E	
1330	5050	18.9C	8.5 1339	7.09	4.28	4.35	.12	.12	4.57	9.89	.79	.31	--	--	962	334	1.8		
				45	27	27	1	1	29	63	5	2							

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REM		
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	0	F	TDS SUM		TH MCH	SAR
LOS ANGELES DRAINAGE PROVINCE																		
SANTA CLARA-CALLEBUAS HYDRO UNIT																		
SESPE HYDRO SUBUNIT																		
FILLMORE HYDRO SUBAREA																		
09/10/73	5411 5867				192	78	160	--	--	333	680	86	22.8	1.00	.0		800	2.5
		7.4	1088		9.58	6.41	6.96			5.46	14.16	2.43	.35		--			
					42	20	30			24	63	11	2					
09/06/73	5411 5867				165	88	125	--	--	315	578	49	31.0	1.00	.7		695	2.1
		7.2	1586		8.23	5.59	5.44			5.16	12.03	1.38	.50		--			
					43	29	28			27	63	7	3					
05/10/73	5411 5867				100	28	35	--	--	290	166	13	.0	.20	.7		345	0.8
		7.5	837		4.99	2.30	1.52			4.75	3.46	.37	.00		--			
					57	26	17			55	40	4						
06/14/73	5050 1200	68.0F 20.0C	7.9	1133	132	35	74	.8	0	215	362	34	48.0	.11	.8	823	475	1.5
					6.59	2.08	3.22	.02	.00	3.52	7.54	.96	.77		--	792	298	
					52	23	25			20	59	0	6					
06/14/73	5050 1230	66.0F 18.9C	8.4	1490	150	64	99	3.2	1.2	282	493	55	30.0	.89	1.0	1115	639	1.7
					7.49	5.26	4.31	.08	.04	4.62	10.26	1.55	.48		--	1035	405	
					44	31	25			27	61	9	3					
PIRU HYDRO SUBUNIT																		
PIRU HYDRO SUBAREA																		
06/14/73	5050 1500	68.0F 20.0C	7.7	1867	128	76	213	5.4	0	166	823	78	20.0	.84	.9	1470	432	3.7
					6.39	6.25	9.27	.14	.00	2.72	17.13	2.20	.32		--	1426	496	
					29	26	42	1		12	77	10	1					
06/14/73	5050 1400	63.0F 17.2C	8.1	1328	115	56	111	4.8	0	159	530	49	14.0	.74	1.1	1015	516	2.1
					5.74	4.81	4.83	.12	.00	2.61	11.03	1.30	.23		--	959	307	
					38	30	32	1		17	72	9	2					
05/29/73	5411 5867				140	44	72	--	--	226	450	23	12.0	.70	.9		530	1.4
		7.3	1210		6.99	3.62	3.13			3.70	9.37	.65	.19		--			
					51	26	23			27	67	5	1					
05/29/73	5411 5867				116	39	77	--	--	220	372	26	5.0	.80	.9		450	1.6
		7.4	1136		5.79	3.21	3.35			3.61	7.75	.73	.08		--			
					47	26	27			30	64	6	1					
STAUFFER HYDRO SUBAREA																		
06/06/73	5121 1245	64.0F 17.8C	8.4	559	46	8.0	51	.5	5.0	100	156	7.0	.0	40.0	.9	370*	150	1.8
					2.30	.66	2.22	.01	.17	1.64	3.25	.20	.00		--	363	58	
					44	13	43			3	31	62	4					
06/06/73	5121 1240		8.4	1408	7.0	3.0	310	1.0	9.0	417	324	10	15.0	35.0	.9	1070*	29	24.7
					.35	.25	13.49	.03	.30	6.83	6.75	.28	.24		--	919	0	
					2	2	96			2	47	47	2					
06/06/73	5121 1220		8.7	1580	.0	2.0	370	1.0	29	419	370	24	.0	3.60	3.6	1208*	10	56.1
					.00	.16	16.10	.03	.97	6.87	7.70	.68	.00		--	1006	0	
						1	99			6	42	47	4					
06/28/73	5121 1300		8.8	1332	.0	2.0	305	1.0	29	380	286	15	.0	3.10	3.7	1000*	8	46.3
					.00	.16	13.27	.03	.97	6.23	5.95	.42	.00		--	828	0	
						1	99			7	46	44	3					
06/06/73	5121 1340	67.0F 19.4C	8.7	1618	.0	2.0	370	1.0	25	426	300	24	.0	3.70	4.0	1213*	10	56.1
					.00	.16	16.10	.03	.83	6.98	7.91	.68	.00		--	1015	0	
						1	99			5	43	48	4					
06/28/73	5121 1215		7.8	709	40	19	85	1.0	0	189	182	6.0	.0	.50	1.5	488*	180	2.8
					2.00	1.56	3.70	.03	.00	3.10	3.79	.17	.00		--	426	23	
					27	21	51			44	54	2						
UPPER SANTA CLARA R HYDRO SUBUNIT																		
EASTERN HYDRO SUBAREA																		
03/19/73	1101 0900	56 F 13 C	7.8	649	50	26	49	4.0	0	256	65	48	.0	.00	.4	368	231	1.4
					2.50	2.14	2.13	.10	.00	4.20	1.35	1.35	.00		.1		22	
					36	31	31	1		61	20	20						
03/19/73	1101 0835	70 F 21 C	7.9	826	90	25	59	3.0	0	173	243	33	.0	.05	.4	538	327	1.4
					4.49	2.06	2.57	.08	.00	2.84	5.06	.93	.00		.2		186	
					49	22	28	1		32	57	11						
03/19/73	1101 0800		7.9	1110	107	30	99	4.0	0	207	368	40	.0	.00	.5	751	390	2.2
					5.34	2.47	4.31	.10	.00	3.39	7.66	1.13	.00		1.3		221	
					44	20	35	1		28	63	9						

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD		MINERAL CONSTITUENTS IN							MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER					REM
			LABORATORY PH	EC	CA	MG	NA	K	CO3	MCO3	PERCENT REACTANCE VALUE		CL	NO3	B	F	TDS SUM	TM MCH	SAR		
											504	503									
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT EASTERN HYDRO SUBAREA																					
03/21/73	1101	64	F		64	16	70	3.0	0	265	.90	49	3.2	.00	.6		226				
	1101	18	C	7.0	703	3.19	1.32	3.05	.00	.00	4.34	1.07	1.30	.05	.1	426	9	2.0			
						42	17	40	1		57	24	16	1							
03/21/73	1101	50	F		87	23	71	3.0	0	307	112	73	--	.00	.7		311				
	1101	10	C	6.0	653	4.34	1.89	3.09	.00	.00	5.03	2.33	2.04	.6	521	60	1.8				
						46	20	33			53	25	22								
03/21/73	1101	58	F		3.0	2.0	200	1.0	15	143	119	120	.0	.00	10.0		15				
	1101	14	C	6.8	935	.15	.16	6.70	.03	.50	2.34	2.48	3.38	.00	.5	531	0	22.0			
						2	2	96		6	27	29	39								
03/21/73	1101	68	F		45	12	177	1.0	0	245	175	124	.0	.05	.7		141				
	1101	20	C	6.1	1090	2.25	.99	7.70	.03	.00	4.02	3.64	3.50	.00	.1	655	0	6.1			
						21	9	70			36	33	31								
03/22/73	1101	62	F		96	45	100	3.0	0	447	162	69	24.5	.00	.6		424				
	1101	17	C	7.6	1140	4.79	3.70	4.35	.00	.00	7.33	3.37	1.95	.40	.1	719	58	2.1			
						37	29	34	1		56	26	15	3							
03/22/73	1101	65	F		60	32	72	2.0	0	317	99	43	15.2	.00	.7		281				
	1101	18	C	7.6	797	2.99	2.63	3.13	.05	.00	5.20	2.06	1.21	.25	.1	479	21	1.9			
						34	30	36	1		60	24	14	3							
03/21/73	1101	80	F		80	32	133	2.0	0	422	151	69	32.0	.00	.9		331				
	1101			7.4	1130	3.99	2.63	5.79	.05	.00	6.92	3.14	1.95	.52	.1	707	0	3.2			
						32	21	46			55	25	16	4							
03/23/73	1101	55	F		29	13	122	1.0	0	278	61	54	9.0	.00	.7		125				
	1101	13	C	8.4	732	1.45	1.07	5.31	.03	.00	4.56	1.27	1.58	.15	.1	420	0	4.7			
						18	14	68			60	17	21	2							
03/21/73	1101	89	F		89	22	66	3.0	0	318	91	70	16.4	.00	.6		312				
	1101	13	C	7.9	855	4.44	1.81	2.87	.08	.00	5.21	1.89	1.97	.26	.1	514	52	1.6			
						48	20	31	1		56	20	21	3							
03/26/73	1101	60	F		122	33	77	4.0	0	420	115	74	59.6	.00	.6		440				
	1101	16	C	7.3	1080	6.09	2.71	3.35	.10	.00	6.88	2.39	2.09	.96	.2	691	96	1.6			
						50	22	27	1		56	19	17	8							
03/19/73	1101	82	F		82	21	58	4.0	0	316	95	35	22.4	.00	.5		291				
	1101	17	C	7.7	765	4.09	1.73	2.52	.10	.00	5.18	1.98	.99	.36	.1	473	32	1.5			
						48	20	30	1		61	23	12	4							
03/19/73	1101	95	F		95	27	70	4.0	0	359	102	58	38.0	.00	.5		348				
	1101	19	C	7.7	917	4.74	2.22	3.05	.10	.00	5.88	2.12	1.64	.61	.1	571	54	1.6			
						47	22	30	1		57	21	16	6							
03/19/73	1101	62	F		62	35	54	4.0	0	307	88	55	12.4	.00	.6		298				
	1101	18	C	7.4	786	3.09	2.88	2.35	.10	.00	5.03	1.83	1.55	.20	.1	461	47	1.4			
						37	34	28	1		58	21	18	2							
03/19/73	1101	86	F		86	23	58	4.0	0	304	88	67	9.6	.00	.7		309				
	1101	17	C	7.7	822	4.29	1.89	2.52	.10	.00	4.98	1.83	1.89	.15	.1	485	40	1.4			
						49	21	29	1		56	21	21	2							
03/26/73	1101	88	F		88	23	58	3.0	0	304	87	68	10.0	.00	.6		314				
	1101	16	C	7.5	800	4.39	1.89	2.52	.08	.00	4.98	1.81	1.92	.16	.1	487	65	1.4			
						49	21	28	1		56	20	22	2							
03/19/73	1101	120	F		120	33	47	5.0	0	316	219	32	16.4	.00	.6		435				
	1101	16	C	7.3	952	5.99	2.71	2.04	.13	.00	5.18	4.56	.90	.26	.1	628	176	1.0			
						55	25	19	1		48	42	8	2							
03/26/73	1101	6.0	F		6.0	1.0	169	1.0	29	325	27	37	.0	.00	1.3		19				
	1101	10	C	8.7	712	.30	.08	7.35	.03	.97	5.33	.56	1.04	.00	.2	430	0	16.8			
						4	1	95		12	67	7	13								
03/23/73	1101	96	F		96	32	79	5.0	0	226	265	54	3.8	.00	1.1		371				
	1101	12	C	7.6	990	4.79	2.63	3.44	.13	.00	3.70	5.52	1.52	.06	.2	646	186	1.8			
						44	24	31	1		34	51	14	1							
03/22/73	1101	96	F		96	42	47	3.0	0	359	159	74	59.6	.00	.6		412				
	1101	16	C	7.6	1080	4.79	3.45	3.78	.08	.00	5.88	3.31	2.09	.96	.2	697	118	1.9			
						46	29	31	1		48	27	17	8							
03/23/73	1101	80	F		80	35	63	2.0	0	309	165	36	7.2	.00	.9		343				
	1101	7	C	7.8	850	3.99	2.88	2.74	.05	.00	5.06	3.44	1.02	.12	.1	540	91	1.5			
						41	30	28	1		52	36	11	1							



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REP	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM		TN NCH
U		LOS ANGELES DRAINAGE PROVINCE															
U-03		SANTA CLARA-CALLEJAS HYDRO UNIT															
U-03.E		UPPER SANTA CLARA R HYDRO SUBUNIT															
U-03.E1		EASTERN HYDRO SUBAREA															
06/06/73	5050	63.0F		87	28	41	2.4	0	218	234	24	5.6	.25	.7	588	331	
0715	5050	17.2C	7.9	774	4.36	2.30	2.85	.06	.00	3.57	4.87	.60	.09	--	549	154	1.5
				46	25	28	1			39	53	7	1				
04N/16W-21001		S															
03/23/73	1101	62 F		85	24	80	4.0	0	315	128	48	29.0	.00	.6		311	
1035	1101	17 C	7.5	877	4.24	1.97	3.48	.10	.00	5.16	2.06	1.35	.47	.1	553	53	2.0
				43	20	36	1			54	28	14	5				
04N/16W-22002		S															
03/19/73	1101	71 F		68	14	73	3.0	0	219	164	26	2.4	.00	.5		227	
1025	1101	22 C	7.7	729	3.39	1.15	3.18	.08	.00	3.59	3.41	.73	.04	.1	458	48	2.1
				43	15	41	1			46	44	9	1				
04N/16W-34A03		S															
06/06/73	5050	74.0F		33	6.7	128	1.6	0	220	101	65	.8	.24	.7	418	110	
0800	5050	23.3C	8.0	723	1.65	.55	5.57	.05	.00	3.41	2.10	1.83	.01	--	445	0	5.3
				21	7	71	1			48	28	24					
04N/16W-35L01		S															
03/19/73	1101	72 F		48	8.0	100	3.0	0	241	.95	56	.0	.00	.3		152	
0945	1101	22 C	8.0	724	2.40	.66	4.35	.08	.00	3.95	1.98	1.58	.00	.0	428	0	3.5
				32	9	58	1			53	26	21					
04N/17W-03K02		S															
03/26/73	1101	65 F		49	7.0	35	3.0	0	213	.20	26	14.4	.00	.4		151	
1101	1101	18 C	7.5	436	2.45	.58	1.52	.08	.00	3.49	.42	.73	.23	.1	259	0	1.2
				53	13	33	2			72	9	15	5				
04N/17W-14004		S															
03/23/73	1101	65 F		139	50	116	5.0	0	368	383	67	8.0	.05	.8		552	
0935	1101	18 C	7.7	1370	6.94	4.11	5.05	.13	.00	6.03	7.97	1.89	.13	1.7	951	251	2.1
				43	25	31	1			38	50	12	1				
04N/17W-15N01		S															
03/23/73	1101	70 F		13	4.0	795	3.0	0	350	879	386	.2	.00	2.4		48	
1000	1101	21 C	8.2	3470	.65	.33	34.58	.08	.00	5.74	18.30	10.89	.00	.1	2252	0	49.5
				2	1	97				16	52	31					
05N/14W-29P01		S															
03/21/73	1101	50 F		86	30	86	1.0	0	441	.70	44	20.7	.00	.9		338	
1350	1101	10 C	7.8	931	4.29	2.47	3.74	.03	.00	7.23	1.46	1.24	.33	.1	555	0	2.0
				41	23	36				70	14	12	3				
05N/15W-33E01		S															
03/22/73	1101	58 F		55	38	52	2.0	0	349	.63	40	4.6	.00	.7		293	
1405	1101	14 C	7.7	740	2.74	3.13	2.26	.05	.00	5.72	1.31	1.13	.07	.1	426	8	1.3
				33	38	28	1			70	16	14	1				
05N/16W-25002		S															
03/22/73	1101	52 F		81	58	200	3.0	0	425	363	106	6.9	.00	1.0		441	
1540	1101	11 C	7.6	1560	4.04	4.77	8.70	.08	.00	6.97	7.56	2.99	.11	.1	1027	92	4.1
				23	27	49				40	43	17	1				
05N/16W-34P02		S															
03/26/73	1101	64 F		83	39	64	2.0	0	313	175	36	3.5	.75	1.8		367	
1101	1101	18 C	7.5	882	4.14	3.21	2.78	.05	.00	5.13	3.64	1.02	.06	2.2	559	111	1.5
				41	32	27				52	37	10	1				
05N/17W-36A03		S															
03/23/73	1101	45 F		83	42	94	3.0	0	241	285	55	.0	.00	1.0		380	
0825	1101	7 C	7.7	1040	4.14	3.45	4.09	.08	.00	3.95	5.93	1.55	.00	.1	681	182	2.1
				35	29	35	1			35	52	14					
U-03.E4		SIERRA PELONA HYDRO SUBAREA															
05N/13W-18R01		S															
03/22/73	1101	55 F		43	9.0	25	4.0	0	167	.27	25	9.1	.00	.7		144	
1101	1101	13 C	7.6	304	2.15	.74	1.09	.10	.00	2.74	.56	.71	.15	.1	224	8	0.9
				53	18	27	2			66	13	17	4				
05N/14W-14F02		S															
03/22/73	1101	45 F		77	78	86	6.0	0	393	.37	147	193	.00	1.0		513	
1320	1101	7 C	7.8	1340	3.84	6.41	3.74	.15	.00	6.44	.77	4.15	3.11	1.1	818	191	1.7
				27	45	26	1			45	5	29	21				
U-03.E5		ACTON HYDROLOGIC SUBAREA															
04N/12W-02E02		S															
03/22/73	1101	52 F		44	15	33	2.0	0	213	.41	26	3.6	.00	.4		171	
1225	1101	11 C	7.3	469	2.20	1.23	1.44	.05	.00	3.49	.85	.73	.06	1.8	271	0	1.1
				45	25	29	1			68	17	14	1				
04N/12W-05G01		S															
03/23/73	1101	64 F		88	21	47	4.0	0	315	.98	34	15.5	.00	.6		306	
1101	1101	18 C	7.5	735	4.39	1.73	2.04	.10	.00	5.16	2.04	.96	.25	.0	462	48	1.2
				53	21	25	1			61	24	11	3				
04N/13W-01C02		S															
03/22/73	1101	54 F		43	10	20	3.0	0	163	.39	20	5.6	.00	.5		148	
1101	1101	12 C	7.1	398	2.15	.82	.87	.08	.00	2.67	.81	.56	.09	.1	221	15	0.7
				55	21	22	2			65	20	14	2				
04N/13W-01P02		S															
03/22/73	1101	63 F		38	9.0	26	2.0	0	161	.37	12	2.7	.00	.5		131	
1101	1101	17 C	7.4	361	1.90	.74	1.13	.05	.00	2.64	.77	.34	.04	.1	206	0	1.0
				50	19	30	1			70	20	9	1				

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MILLIGRAMS PER LITER										MILLIGRAMS PER LITER			REN
					MINERAL CONSTITUENTS IN										PERCENT REACTANCE VALUE			
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCH	
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT UPPER SANTA CLARA R HYDRO SUBUNIT ACTON HYDROLOGIC SUBAREA																		
03/22/73	1101	57	F		60	13	35	2.0	0	213	65	28	5.6	.00	.5	203		
	1101	14	C	7.2	529	2.99	1.07	1.52	.05	.00	3.49	1.35	.79	.09	.1	313	29	1.1
04N/13W-11L01 S																		
03/22/73	1101	45	F		72	20	44	2.0	0	265	60	30	8.1	.00	.5	262		
	1101	7	C	7.8	624	3.59	1.64	1.91	.05	.00	4.34	1.67	.85	.13	.1	387	45	1.2
04N/13W-15A01 S																		
03/22/73	1101	56	F		95	26	59	2.0	0	340	117	53	.0	.06	.6	344		
	1101	13	C	7.7	838	4.74	2.14	2.57	.05	.00	5.57	2.44	1.49	.00	.5	520	66	1.4
04N/14W-11P01 S																		
03/22/73	1101	60	F		77	21	56	3.8	0	296	97	45	1.2	.00	.6	278		
	1101	16	C	7.6	740	3.84	1.73	2.44	.06	.00	4.85	2.02	1.27	.02	.1	446	36	1.5
04N/14W-15D01 S																		
03/22/73	1101	51	F		50	16	39	3.0	0	214	59	33	7.4	.00	.8	190		
	1101	11	C	7.7	530	2.50	1.32	1.70	.06	.00	3.51	1.23	.93	.12	.1	313	16	1.2
05N/12W-32F03 S																		
03/22/73	1101	51	F		62	20	51	2.0	0	161	138	62	23.6	.00	.6	287		
	1101	11	C	7.6	770	4.09	1.64	2.22	.05	.00	2.64	2.87	2.31	.38	.1	478	155	1.3
05N/13W-25C03 S																		
03/22/73	1101	82	F		146	49	153	4.6	0	263	479	138	2.6	.47	.4	1188	571	
	5121	8.3		1672	7.39	4.03	6.66	.12	.00	4.31	9.97	3.89	.04	--	--	1104	356	2.8
	0905	41		22	37	1				24	55	21						
02N/21W-01A01 S																		
10/03/72	5121	76	F		76	32	53	--	--	281	168	29	--	.20	.5	580*	320	
	5867	8.0		672	3.79	2.63	2.31			4.61	3.50	.02		--	--			1.3
		43		30	26													
02N/21W-12M01 S																		
05/21/73	5121	66	F		66	27	109	4.7	0	318	175	47	10.0	.32	.2	620	276	
	0935	8.3		969	3.29	2.22	4.74	.12	.00	5.21	3.64	1.33	.16	--	--	595	15	2.9
		32		21	46	1				50	35	13	2					
02N/21W-15M03 S																		
10/05/72	5121	120	F		120	41	118	--	--	281	365	77	.0	.40	.5	973*	470	
	5867	7.8		1371	5.99	3.37	5.13			4.61	7.60	2.17	.00	--	--			2.4
		41		23	35					32	53	15						
02N/21W-22E01 S																		
EAST LAS POSAS HYDRO SUBAREA																		
06/06/73	5121	103	F		103	33	102	2.0	0	289	251	58	39.6	.27	.4	777	393	
	1525	8.0		1138	5.14	2.71	4.44	.05	.00	4.74	5.23	1.64	.64	--	--	731	156	2.2
		42		22	36					39	43	13	5					
02N/20W-04F01 S																		
05/18/73	5121	78.0F	F		62	18	33	3.1	0	209	115	11	.0	.07	.2	388	229	
	1325	25.5C	8.1	577	3.89	1.48	1.44	.08	.00	3.43	2.39	.31	.00	--	--	345	57	0.9
		51		24	24	1				56	39	5						
02N/20W-06N01 S																		
05/31/73	5121	73.0F	F		55	29	59	4.3	0	186	207	17	.3	.11	.6	524	256	
	1205	22.8C	8.0	737	2.74	2.38	2.57	.11	.00	3.05	4.31	.48	.00	--	--	463	104	1.6
		35		31	33	1				39	55	6						
02N/20W-08M01 S																		
06/12/73	5050	74.0F	F		59	15	40	2.2	0	189	95	24	5.8	.62	.5	368	210	
	1300	23.3C	8.0	572	2.94	1.23	1.74	.06	.00	3.10	1.98	.73	.09	--	--	337	54	1.2
		49		21	29	1				53	34	12	2					
02N/20W-09F01 S																		
05/29/73	5121	78.0F	F		61	13	39	2.3	0	197	188	14	.1	.11	.5	357	206	
	1235	25.5C	8.2	552	3.04	1.07	1.70	.06	.00	3.23	2.25	.39	.00	--	--	334	44	1.2
		52		18	29	1				55	38	7						
02N/20W-09J02 S																		
05/29/73	5121	76.0F	F		98	35	72	2.7	0	121	287	85	33.6	.21	.5	745	389	
	1200	24.4C	7.7	1031	4.89	2.88	3.13	.07	.00	1.98	5.98	2.48	.54	--	--	673	290	1.6
		45		26	29	1				18	55	22	5					
02N/20W-09O01 S																		
04/12/73	5050	75.0F	F		132	45	148	4.4	0	208	442	140	1.6	.59	.6	1129	514	
	1230	23.9C	7.9	1571	6.59	3.70	6.44	.11	.00	3.41	9.20	3.95	.03	--	--	1016	344	2.8
		39		22	38	1				21	55	24						
02N/20W-10D02 S																		
04/12/73	5050	75.0F	F		64	16	33	1.5	0	194	66	33	26.0	.00	.3	303	224	
	1200	23.9C	7.7	587	3.19	1.32	1.44	.04	.00	3.18	1.37	.93	.42	--	--	335	47	1.0
		53		22	24	1				54	23	16	7					
03N/19W-19K02 S																		
05/31/73	5121	40	F		40	12	23	4.1	0	129	82	12	.0	.01	.4	193	150	
	1345	7.5		419	2.00	.99	1.00	.10	.00	2.11	1.71	.34	.00	--	--	237	44	0.8
		49		24	24	2				51	41	8						

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REM	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	S	F	TD5 SUM	TH NCN	SAR		
LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT CALLEGUAS-CONEJO HYDRO SUBUNIT EAST LAS POSAS HYDRO SUBAREA																			
06/12/73 0930	5050	66.0F 20.0C	7.4	460	47 50	17 30	20 19	2.4 1	0 0.00	159 55	85 38	11 7	1.0 0.02	.00	.5 --	227 262	199 97	0.6	
06/05/73 1425	5121 5050		7.3	362	32 1.60 49	6.0 .49 15	27 1.17 36	1.0 .03 1	0 0.00	110 1.00 54	13 .27 8	26 .73 22	32.0 .52 16	.03	.4 --	163 191	106 15	1.1	
06/12/73 0900	5050	70.0F 21.1C	7.1	336	29 47	5.5 .45 15	26 1.13 37	1.1 .03 1	0 0.00	99 1.62 53	6.7 .14 5	26 .73 24	36.0 .58 19	.00	.4 --	173 179	95 14	1.2	
06/07/73 1245	5121 5050	73.0F 22.8C	7.1	321	26 1.30 43	6.0 .49 16	27 1.17 39	1.0 .03 1	0 0.00	95 1.56 53	10 .21 7	26 .73 25	29.0 .47 16	.03	.4 --	163 172	89 12	1.2	
06/12/73 1100	5050	78.0F 25.5C	7.7	565	61 3.04 51	15 1.23 21	37 1.61 27	2.7 .07 1	0 0.00	182 2.98 51	112 2.33 40	19 .54 9	.5 .01	.00	.4 --	325 337	213 65	1.1	
06/05/73 1600	5121 5050		7.8	1526	72 3.59 23	33 2.71 17	216 9.40 59	5.3 .14 1	0 0.00	210 3.44 22	424 8.83 57	112 3.16 20	.0 .00	1.55	1.0 --	941 967	313 143	5.3	
06/05/73 1350	5121 5050		7.7	996	95 4.74 45	28 2.30 22	76 3.31 32	4.2 .11 1	0 0.00	224 3.67 35	263 5.48 53	44 1.24 12	.0 .00	.36	.7 --	579 621	350 169	1.8	
06/05/73 1400	5121 5050		8.0	1423	.0 .00 100	.0 .00 100	333 14.49 100	.6 .02 0	0 0.00	301 4.93 35	423 8.81 62	18 .51 4	.0 .00	.12	.7 --	849 923	0	0.0	
06/12/73 1000	5050	73.0F 22.8C	7.9	484	49 2.45 49	17 1.40 28	25 1.09 22	3.8 .10 2	0 0.00	182 2.98 60	72 1.50 30	14 .39 8	5.5 .09 2	.00	.4 --	226 276	191 44	0.8	T
06/07/73 1310	5121 5050	76.0F 24.4C	7.7	572	64 3.19 54	14 1.15 20	34 1.48 25	2.8 .07 1	0 0.00	179 2.93 51	112 2.33 40	19 .54 9	.2 .00	.10	.4 --	299 334	216 71	1.0	
06/05/73 1320	5121 5050		7.7	1579	141 7.04 39	62 5.10 29	127 5.52 31	8.4 .21 1	0 0.00	204 3.34 19	641 13.35 76	27 .76 4	8.4 .14 1	.32	.8 --	1162 1115	620 440	2.2	E
05/31/73 1340	5121 5050	74.0F 23.3C	7.9	671	63 3.14 47	18 1.48 22	48 2.09 31	1.6 .04 1	0 0.00	258 4.23 64	12 .25 4	54 1.52 23	41.0 .66 10	.12	1.1 --	309 345	232 20	1.4	
06/05/73 1245	5121 5050		7.7	514	42 2.10 42	14 1.15 23	41 1.78 35	1.2 .03 1	0 0.00	209 3.43 69	11 .23 5	34 .96 19	21.0 .34 7	.10	1.4 --	210 267	164 0	1.4	T
05/31/73 1235	5121 5050	74.0F 23.3C	8.0	736	92 4.59 56	22 1.81 22	38 1.65 20	3.7 .09 1	0 0.00	286 4.69 58	137 2.85 35	18 .51 6	.0 .00	.09	.7 --	414 451	318 86	0.9	
06/05/73 1320	5121 5050		7.8	568	61 3.04 52	13 1.07 18	39 1.70 29	1.6 .04 1	0 0.00	197 3.23 55	96 2.00 34	21 .59 10	2.4 .04 1	.09	.4 --	270 331	198 44	1.2	T
10/01/72	5121 5867		8.0	997	44 2.20 22	57 4.69 47	73 3.18 32	-- --	-- 0.00	366 6.00 1.89	91 1.89 2.45	87 --	--	.10	.5 --	625*	345	1.7	
10/02/72	5121 5867		8.0	1517	102 5.09 31	94 7.73 47	80 3.48 21	-- --	-- 0.00	439 7.20 44	245 5.10 31	127 3.58 22	34.0 .55 3	.30	.4 --	1055*	440	1.4	
05/21/73 1055	5121 5050		8.2	899	51 2.54 27	53 4.36 46	60 2.61 27	1.3 .03 0	0 0.00	322 5.28 55	86 1.79 19	55 1.55 16	61.0 .99 10	.17	.1 --	602 526	345 81	1.4	
05/18/73 0940	5121 5050	67.0F 19.4C	8.1	644	42 2.10 33	19 1.56 24	62 2.70 42	3.3 .08 1	0 0.00	135 2.21 35	123 2.56 40	56 1.58 25	1.6 .03	.29	.3 --	400 374	183 73	2.0	



TABLE E-1 (CONT.)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PM EC	MINERAL ANALYSES OF GROUND WATER										MILLIGRAMS PER LITER			MILLIGRAMS PER LITER			REM
				MINERAL CONSTITUENTS IN				MILLIEQUIVALENTS PER LITER					PERCENT REACTANCE VALUE			TDS SUM	TH NCH	SAR		
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	0	F	S102					
LOS ANGELES DRAINAGE PROVINCE																				
SANTA CLARA-CALLEGUAS HYDRO UNIT																				
CALLEGUAS-CONEJO HYDRO SUBUNIT																				
ARROYO SANTA ROSA HYDRO SUBAREA																				
06/07/73	5121 1200	5050	74.0F 23.3C	0.3	780	35 22	46 47	98 31	1.2 .03	0 .00	232 47	77 20	96 33	.0 .00	.18 --	.4 --	507 427	277 87	1.5	
10/03/72	5121 5867	5050		0.0	1244	64 24	68 43	99 33	-- --	-- --	342 43	202 32	118 25	.0 .00	.30 --	.6 --	790*	440	2.1	
10/04/72	5121 5867	5050		7.8	1092	44 21	57 44	84 35	-- --	-- --	336 5.51	82 1.71	121 3.41	-- --	.10 --	.6 --	635*	345	2.0	
10/02/72	5121 5867	5050		7.9	913	48 26	49 43	67 31	-- --	-- --	348 5.70	77 1.60	79 2.23	.0 .00	.10 --	.5 --	545*	320	1.6	
05/21/73	5121 1120	5050		8.3	1454	90 30	81 44	91 26	1.1 .03	0 .00	355 5.82	92 1.92	150 4.23	200 3.23	.27 --	.1 --	907 880	558 247	1.7	
10/04/72	5121 5867	5050		7.8	1630	114 32	88 41	113 28	-- --	-- --	421 6.90	293 6.10	152 4.29	37.0 .60	.50 --	.5 --	1120*	445	1.9	
06/12/73	5050 1400	5050	66.0F 18.9C	8.1	1129	74 30	55 37	90 32	2.5 .06	0 .00	265 4.34	217 4.52	105 2.96	8.6 .14	.36 --	.5 --	678 683	413 194	1.9	
06/12/73	5050 1445	5050	69.0F 20.5C	8.2	1541	99 28	81 38	131 33	1.4 .04	0 .00	394 6.46	298 6.20	144 4.08	25.0 .40	.50 --	.5 --	1010 974	581 257	2.4	
05/21/73	5121 1130	5050		8.5	1520	101 31	89 45	85 23	1.3 .03	15 .50	351 5.75	115 2.39	199 5.61	120 1.94	.18 --	.2 --	1000 898	418 306	1.5	
CONEJO VALLEY HYDRO SUBAREA																				
10/01/72	5121 5867	5050		7.6	893	54 30	52 48	47 23	-- --	-- --	268 4.39	134 2.79	65 1.83	12.0 .19	.10 --	.5 --	680*	350	1.1	E
TIERRA REJADA VALLEY HYDR SUBAREA																				
05/30/73	5121 0900	5050	68.0F 20.0C	8.3	1187	87 25	90 54	65 21	1.3 .03	0 .00	371 6.08	183 3.81	105 2.96	49.8 .80	.14 --	.4 --	874 744	537 233	1.2	E
SIMI VALLEY HYDRO SUBAREA																				
06/12/73	5050 0700	5050	70.0F 21.1C	7.8	652	30 23	18 1.48	83 3.61	1.0 .03	0 .00	213 3.49	51 1.06	69 1.95	.1 .00	.24 --	.6 --	314 357	150 0	3.0	
05/30/73	5121 0815	5050	70.0F 21.1C	7.8	2306	224 40	95 28	204 32	5.0 .13	0 .00	231 3.79	922 19.20	163 4.40	.0 .00	1.06 --	.6 --	1859 1728	950 741	2.9	E C
THOUSAND OAKS HYDRO SUBAREA																				
10/06/72	5121 1300	5867		7.8	1682	156 38	95 38	113 24	-- --	-- --	439 7.20	562 11.70	60 1.69	-- --	.10 --	.4 --	1330	780	1.8	E
MALIBU HYDRO UNIT																				
TOPANGA HYDRO SUBUNIT																				
TOPANGA CANYON HYDRO SUBAREA																				
10/11/72	1101 1400	1101	63 F 17 C	7.8	3440	63 6	20 4	786 88	3.0 .08	0 .00	915 15.00	1104 22.99	59 1.66	9.9 .16	.00 --	-- --	2495	239 0	22.1	
MALIBU CREEK HYDRO SUBUNIT																				
MALIBU CREEK HYDRO SUBAREA																				
10/11/72	1101 1311	1101		10.0	884	6.0 .30	.0 .00	190 8.27	1.0 .03	21 .70	-- 5.60	31 .87	.0 .00	.00 --	-- --	-- --	14		21.4	
10/11/72	1101 1300	1101		7.7	1520	125 36	28 13	197 50	2.0 .05	0 .00	413 6.77	398 8.29	88 2.48	.0 .00	.00 --	-- --	1041	427 89	4.1	

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CD3	MC03	SO4	CL	NO3	B	F	TDS SI02 SUM	TH NCH	SAR	
LOS ANGELES DRAINAGE PROVINCE																		
MALIBU HYDRO UNIT																		
MALIBU CREEK HYDRO SUBUNIT																		
LAS VIRGENES CANYON HYDRO SUBAREA																		
10/11/72	1101		64 F		157	98	96	1.0	0	536	398	117	14.3	.00	--		795	
1230	1101		18 C	7.3	1690	7.83	8.06	4.18	.03	.00	6.79	8.12	3.30	.23	--	1137	355	1.5
					39	40	21			43	40	16	1					
TRIUNFO CANYON HYDRO SUBAREA																		
10/11/72	1101		63 F		2.0	1.0	274	4.0	5.0	426	199	30	10.0	.00	--		9	
1115	1101		17 C	8.4	1200	.10	.08	11.92	.10	.17	6.98	4.14	.85	.16	--	734	0	39.5
					1	1	98	1	1	57	34	7	1					
SHERWOOD HYDRO SUBAREA																		
10/10/72	S121				42	43	89	--	--	439	.29	57	--	.30	.4	533*	280	
1400	5867			8.0	883	2.10	3.54	3.87		7.20	.60	1.61		--			2.3	
					22	37	41											
LA-SAN GABRIEL RIVER HYDRO UNIT																		
COASTAL PL OF LA CO HYDRO SUBUNIT																		
WEST COAST HYDRO SUBAREA																		
06/12/73	1101		74 F		72	34	106	9.0	0	404	94	94	.0	.20	.5	608	319	
1350	1101		23 C	7.7	1040	3.59	2.80	4.61	.23	.00	6.62	1.96	2.65	.00	.3		0	2.6
					32	25	41	2		59	17	24						
06/07/73	1101		74 F		52	26	117	7.0	0	382	52	99	1.2	.00	.4		236	
1105	1101		23 C	7.8	954	2.59	2.14	5.09	.18	.00	6.26	1.08	2.79	.02	.0	542	0	3.3
					26	21	51	2		62	11	27						
06/07/73	1101		79 F		81	18	68	4.0	0	290	132	31	.0	.00	.4		276	
1130	1101		26 C	7.8	740	4.04	1.48	2.96	.10	.00	4.75	2.75	.87	.00	.1	477	39	1.8
					47	17	34	1		57	33	10						
06/07/73	S050		80.0F		65	14	48	3.3	0	247	67	41	.1	.11	.5	395	218	
1300	S050		26.6C	8.3	623	3.24	1.15	2.09	.08	.00	4.05	1.39	1.16	.00	--	360	17	1.4
					49	18	32	1		61	21	18						
06/07/73	S050		72.0F		30	9.5	43	3.0	0	218	1.2	25	1.2	.11	.3	246	114	
1230	S050		22.2C	8.2	407	1.50	.78	1.87	.08	.00	3.57	.02	.71	.02	--	220	0	1.8
					35	18	44	2		83		16						
07/23/73	1101				33	9.0	40	3.0	0	220	.0	23	.0	.00	.3		119	
0900	1101			7.7	401	1.65	.74	1.74	.08	.00	3.61	.00	.65	.00	.2	216	0	1.6
					39	18	41	2		85		15						
07/23/73	1101				41	10	43	3.0	0	237	7.0	25	.0	.00	.3		143	
0830	1101			7.7	445	2.05	.82	1.87	.08	.00	3.88	.15	.71	.00	1.7	247	0	1.6
					43	17	39	2		82	3	15						
05/07/73	S050		68 F		50	12	45	3.4	0	220	61	25	.8	.13	.2	324	175	
1700	S050		20 C	7.7	531	2.50	.99	1.96	.09	.00	3.61	1.27	.71	.01	--	306	0	1.5
					45	18	35	2		64	23	13						
06/07/73	1101		76 F		32	12	79	6.0	18	227	1.0	74	.0	.00	.8		129	
11.5	1101		24 C	8.5	582	1.60	.99	3.44	.15	.60	3.72	.02	2.09	.00	.1	334	0	3.0
					26	16	56	2		9	58	33						
06/06/73	1101		76 F		41	12	55	3.0	0	289	12	27	.0	.00	.4		151	
0845	1101		24 C	8.0	531	2.05	.99	2.39	.08	.00	4.74	.25	.76	.00	.0	292	0	1.9
					37	18	43	1		82	4	13						
06/06/73	1101		73 F		65	20	56	4.0	0	264	15	104	.0	.08	.4		244	
0840	1101		23 C	7.9	737	3.24	1.64	2.44	.10	.00	4.33	.31	2.93	.00	.0	394	28	1.6
					44	22	33	1		57	4	39						
06/06/73	1101		75 F		48	18	73	9.0	0	366	.0	56	.0	.00	.4		193	
1100	1101		24 C	7.9	685	2.40	1.48	3.18	.23	.00	6.00	.00	1.58	.00	.0	384	0	2.3
					33	20	44	3		79		21						
06/06/73	1101		74 F		44	16	73	6.0	0	357	.0	44	.0	.00	.4		175	
1120	1101		23 C	8.1	630	2.20	1.32	3.18	.15	.00	5.85	.00	1.24	.00	.0	359	0	2.4
					32	19	46	2		83		17						
06/06/73	1101		74 F		44	15	77	7.0	0	363	3.0	31	.0	.00	.4		171	
1130	1101		23 C	8.0	661	2.20	1.23	3.35	.18	.00	5.95	.06	.87	.00	.0	355	0	2.6
					32	18	48	3		86	1	13						
06/06/73	1101		74 F		35	12	46	3.0	0	241	22	24	.0	.00	.2		136	
0825	1101		23 C	8.0	466	1.75	.99	2.00	.08	.00	3.95	.46	.68	.00	.0	260	0	1.7
					36	21	41	2		78	9	13						

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TABLE E-1 (CONT.)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL ANALYSES OF GROUND WATER										MILLIGRAMS PER LITER					REM
				MINERAL CONSTITUENTS IN										MILLIEQUIVALENTS PER LITER					
				CA	MG	NA	K	CO3	PERCENT REACTANCE VALUE	CL	NO3	B	F	TDS	TH	SAR			
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA																			
06/07/73	1101	72	F		85	28	66	5.0	0	320	.39	157	.0	.00	.4		327		
1015	1101	22	C	7.7	1020	4.24	2.30	3.74	.13	.00	5.38	.61	4.43	.00	1.3	543	58	2.1	
					41	22	36	1			51	.8	42						
06/06/73	1101	75	F		40	13	60	5.0	0	303	.0	31	.0	.00	.3		153		
0900	1101	24	C	7.7	545	2.00	1.07	2.61	.13	.00	4.97	.00	.87	.00	.0	298	0	2.1	
					34	18	45	2			85	.00	15						
06/06/73	1101	72	F		56	16	54	2.0	0	249	.64	37	.0	.10	.4		205		
0925	1101	22	C	7.9	598	2.79	1.32	2.35	.05	.00	4.08	1.33	1.04	.00	1.0	353	2	1.6	
					43	20	36	1			63	21	16						
07/24/73	S050	72.0F	F		218	74	202	7.8	0	63	.54	836	.2	.56	.3	1778	849		
	S050	22.2C	C	7.0	2965	10.88	6.09	8.79	.20	.00	1.03	1.12	23.58	.00	--	1424	798	3.0	
					42	23	34	1			4	4	92						
05/21/73	1101	70	F		54	11	41	2.0	0	246	.46	28	.0	.00	.5		180		
1545	1101	21	C	7.9	510	2.69	.90	1.78	.05	.00	4.03	.96	.79	.00	.0	303	0	1.3	
					50	17	33	1			70	17	14						
06/06/73	1101	78	F		41	11	45	3.0	0	230	.32	26	.0	.00	.4		147		
0945	1101	26	C	7.9	479	2.05	.90	1.96	.08	.00	3.77	.67	.73	.00	.0	271	0	1.6	
					41	18	39	2			73	13	14						
05/16/73	S050	68	F		38	31	94	7.9	0	179	.13	187	3.8	.17	.4	499	222		
1910	S050	20	C	8.2	920	1.90	2.55	4.09	.20	.00	2.93	.27	5.27	.06	--	463	76	2.7	
					22	29	47	2			34	3	62	1					
05/21/73	1101	73	F		80	22	83	5.0	0	262	.58	153	.0	.05	.5		290		
1025	1101	23	C	7.8	965	3.99	1.81	3.61	.13	.00	4.29	1.21	4.31	.00	2.1	532	76	2.1	
					42	19	38	1			44	12	44						
05/21/73	1101	66	F		90	27	71	5.0	0	270	.14	180	.0	.00	.4		335		
1055	1101	19	C	7.7	973	4.49	2.22	3.09	.13	.00	4.43	.29	5.08	.00	.0	520	114	1.7	
					45	22	31	1			45	3	52						
05/21/73	1101	69	F		50	14	51	3.0	0	255	.0	67	.0	.00	.3		182		
1515	1101	21	C	7.5	580	2.50	1.15	2.22	.08	.00	4.18	.00	1.89	.00	.0	310	0	1.6	
					42	19	37	1			69	.00	31						
06/19/73	1101	72	F		73	11	66	4.0	0	226	.100	58	.0	.35	.5		227		
0900	1101	22	C	7.1	739	3.64	.90	2.87	.10	.00	3.70	2.08	1.64	.00	2.6	426	42	1.9	
					48	12	38	1			50	28	22						
07/31/73	1101	60	F		161	24	143	6.0	0	329	.298	159	.0	.00	.2		500		
0850	1101	16	C	7.9	1480	8.03	1.97	6.22	.15	.00	5.39	6.20	4.48	.00	.4	953	231	2.8	
					49	12	38	1			34	39	28						
06/12/73	1101	77	F		23	4.0	51	2.0	0	183	.4.0	25	.0	.00	.3		73		
1400	1101	25	C	8.2	358	1.15	.33	2.22	.05	.00	3.00	.08	.71	.00	.0	199	0	2.6	
					31	9	59	1			79	2	19						
06/12/73	1101	76	F		29	6.0	47	3.0	0	211	.5.0	23	.0	.00	.2		97		
0900	1101	24	C	8.2	384	1.45	.49	2.04	.08	.00	3.46	.10	.65	.00	.0	217	0	2.1	
					36	12	50	2			82	2	15						
06/07/73	S050	75.0F	F		25	8.6	56	4.7	0	223	.3.1	22	2.8	.00	.3	196	97		
1200	S050	23.9C	C	8.3	436	1.25	.71	2.44	.12	.00	3.65	.06	.62	.05	--	232	0	2.5	
					28	16	54	3			83	1	14	1					
06/12/73	1101	78	F		20	8.0	64	3.0	0	226	.3.0	33	.0	.00	.2		42		
0920	1101	26	C	8.2	442	1.00	.66	2.78	.08	.00	3.70	.06	.93	.00	.0	242	0	3.1	
					22	15	62	2			79	1	20						
06/12/73	1101	80	F		21	4.0	71	3.0	0	209	.8.0	38	.0	.00	.2		48		
0910	1101	27	C	7.9	442	1.05	.33	3.09	.08	.00	3.43	.17	1.07	.00	.0	248	0	3.7	
					23	7	68	2			73	4	23						
06/14/73	1101	77	F		34	6.0	68	3.0	0	213	.27	45	.0	.00	.3		109		
0730	1101	25	C	8.0	509	1.70	.49	2.96	.08	.00	3.49	.56	1.27	.00	.0	288	0	2.8	
					33	9	57	2			66	11	24						
06/12/73	1101	79	F		27	6.0	70	3.0	0	206	.16	49	.0	.00	.2		92		
0805	1101	26	C	8.3	489	1.35	.49	3.05	.08	.00	3.38	.33	1.38	.00	.0	272	0	3.2	
					27	10	61	2			66	6	27						
06/12/73	1101	78	F		20	5.0	57	2.0	0	190	.0	33	.0	.00	.3		70		
1345	1101	26	C	8.2	374	1.00	.41	2.48	.05	.00	3.11	.00	.93	.00	.0	210	0	3.0	
					25	10	63	1			77	.00	23						



TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	S102	TOS SUM	TH NCH	SAR			
																		14	6.7	
U-05 U-05.A U-05.A2 LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT WEST COAST HYDRO SUBAREA																				
05/07/73 1830	5050 5050	S 78.0F 25.5C			14 7.7	6.7 512	90 .70	3.1 .55	0 3.92	0 .08	226 3.74	.5 .01	51 1.44	.4 .01	.28 --	.1 276	300 276	63 0	5.0	
05/22/73 0955	1101 1101	S 74 F 23 C	7.9	427	28 1.40	10 .82	58 2.52	4.0 .10	0 3.96	0 .81	243 4	9.0 .19	26 .73	.0 .00	.00 .1	.4 255	111 0	0	2.4	
05/22/73 0815	1101 1101	S 79 F 26 C	7.5	470	32 1.60	10 .82	54 2.35	5.0 .13	0 4.49	0 .91	274 9	.0 .00	16 .45	.0 .00	.00 .1	.3 252	121 0	0	2.1	
05/07/73	1101 1101	S 77 F 25 C	8.0	547	30 1.50	10 .82	66 2.07	2.0 .05	0 4.10	0 .73	250 1	2.0 .04	47 1.33	10.1 .16	-- --	.3 290	116 0	0	2.7	
05/21/73 0720	1101 1101	S 79 F 26 C	7.7	1330	27 1.35	15 1.23	250 10.88	7.0 .18	0 6.67	0 .47	407 2	16 .33	251 7.08	.0 .00	.00 .4	.6 767	129 0	0	9.6	
05/21/73 1355	1101 1101	S 70 F 21 C	7.9	320	20 1.00	6.0 .49	36 1.57	3.0 .08	0 2.03	0 .60	124 60	.32 .67	24 .68	.0 .00	.20 1.7	.5 184	74 0	0	1.8	
05/10/73 2020	5050 5050	S 68 F 20 C	7.7	560 571	43 2.15	13 1.07	56 2.44	4.1 .10	0 3.77	0 .65	230 8	23 .48	54 1.52	.6 .01	.14 --	.2 307	316 307	161 0	1.9	
06/07/73 1100	5050 5050	S 70.0F 21.1C	8.4	606	41 2.05	14 1.15	56 2.44	6.2 .16	4.2 .14	219 3.59	15 .31	58 1.64	.4 .01	.00 --	.4 282	282 302	160 0	0	1.9	
05/21/73 1250	1101 1101	S 72 F 22 C	7.9	620	47 2.35	13 1.07	64 2.78	4.0 .10	0 4.03	0 .61	246 7	.23 .48	73 2.06	.0 .00	.00 .7	.3 346	170 0	0	2.1	
05/21/73 1315	1101 1101	S 73 F 23 C	7.9	632	44 2.20	18 1.48	6.0 2.61	6.0 .15	0 4.38	0 .66	267 66	.0 .00	79 2.23	.0 .00	.00 0	.3 338	183 0	0	1.9	
05/21/73 0935	1101 1101	S 65 F 18 C	7.5	1000	78 3.89	33 2.71	96 4.18	8.0 .20	0 7.06	0 .64	431 3	16 .33	128 3.61	2.0 .03	.00 1.0	.2 574	330 0	0	2.3	
05/21/73 1930	1101 1101	S 71 F 22 C	7.6	1030	81 4.04	34 2.80	100 4.35	5.0 .13	0 6.61	0 .59	403 8	42 .87	135 3.81	.0 .00	.00 0	.3 595	342 12	0	2.4	
05/21/73 0905	1101 1101	S 72 F 22 C	7.5	1220	94 4.69	45 3.70	100 4.35	8.0 .20	0 6.82	0 .52	416 14	89 1.85	155 4.37	.0 .00	.00 .1	.4 696	419 79	0	2.1	
05/21/73 0835	1101 1101	S 72 F 22 C	7.5	1070	90 4.49	29 2.38	120 5.22	6.0 .15	0 6.57	0 .53	401 13	75 1.56	148 4.17	.0 .00	.05 0	.4 645	344 15	0	2.8	
05/21/73 0800	1101 1101	S 72 F 22 C	7.3	1470	107 5.34	37 3.04	171 7.44	7.0 .18	0 6.93	0 .43	423 25	190 3.96	182 5.13	.0 .00	.10 0	.6 902	419 73	0	3.6	
05/21/73 1115	1101 1101	S 68 F 20 C	7.5	41300	435 21.71	1060 87.17365	8400 6.65	260 6.65	0 5.26	0 1	321 1	1980 41.22	15300 431.46	.0 .00	.00 1.8	1.8 27593	5449 5185	0	49.5	
05/11/73 2015	5050 5050	S 68 F 20 C	7.4	29940	422 21.06	815 67.03261	6000 4.09	160 4.09	0 5.95	0 2	363 2	1322 27.52	11350 320.07	8.0 .13	2.30 --	.7 20258	21375 4410	4403 39.3	E	
U-05.A3 SANTA MONICA HYDRO SUBAREA																				
06/12/73 1430	1101 1101	S 69 F 21 C	7.7	936	82 4.09	39 3.21	57 2.48	2.0 .05	0 4.28	0 .43	261 27	127 2.64	87 2.45	30.2 .49	.05 .9	.5 553	365 151	0	1.3	
06/07/73 0755	5050 5050	S 67.0F 19.4C	7.9	877	48 2.40	42 3.45	55 2.39	2.7 .07	0 2.84	0 .35	173 3	152 3.16	65 1.83	14.0 .23	.10 --	.4 444	498 444	292 151	1.4	

TABLE E-1 (CONT.)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERALS	MILLIGRAMS PER LITER										MILLIEQUIVALENTS PER LITER					REM
					CONSTITUENTS IN										PERCENT REACTANCE VALUE					
					CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	8	F	TDS	TN	5AR		
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL. OF LA CO HYDRO SUBUNIT SANTA MONICA HYDRO SUBAREA																				
06/12/73	U U-05 U-05.A U-05.A3 015/15W-33K01	1101	1101	69 F 21 C	7.4	1200	113 5.64 43	53 4.36 33	72 3.13 24	2.8 .05	0 .00	336 5.51 42	226 4.71 36	80 2.26 17	40.0 .85	.00 .0	.6 751	500 225	1.4	
06/05/73	025/15W-11E05	1101	1101	71 F 22 C	7.9	975	96 4.79 44	39 3.21 29	67 2.91 27	2.0 .05	0 .00	338 5.54 49	210 4.37 39	49 1.38 12	.0 .00	.00 .3	.8 629	400 123	1.5	
06/07/73	025/15W-12B03	5050	5050	66.0 F 18.9 C	8.1	1543	91 4.54 29	68 5.59 36	119 5.18 33	7.0 .18	0 1	251 4.11 27	388 8.08 53	111 3.13 20	.8 .01	.06 --	.5 988	1012 506	2.3	
HOLLYWOOD HYDRO SUBAREA																				
06/13/73	U-05.A4 015/14W-17E03	1101	1101	76 F 26 C	7.9	776	25 1.25 15	12 .99 12	139 6.05 72	3.0 .08	0 .00	363 5.95 71	42 .87 10	52 1.47 16	3.3 .05	.00 .0	.6 455	111 0	5.7	
CENTRAL HYDRO SUBAREA																				
03/29/73	U-05.A5 02N/14W-23H02	1101	1101	70 F 21 C	8.6	720	78 3.89 53	16 1.32 18	46 2.00 27	3.0 .08	0 .00	246 4.03 55	95 1.98 27	42 1.18 16	12.0 .19	-- --	.4 413	242 59	1.2	
05/09/73	015/12W-33P02	1101	1101	74 F 23 C	7.5	716	48 2.40 34	17 1.40 20	74 3.22 46	2.0 .05	0 .00	180 2.95 42	36 .75 11	104 2.93 42	20.8 .34	.00 .0	.5 390	189 43	2.3	
05/09/73	015/12W-34C05	1101	1101		7.4	644	48 2.40 37	14 1.15 18	64 2.78 43	3.0 .08	0 .00	149 2.44 38	109 2.27 35	61 1.72 27	.0 .00	.25 .0	.8 373	177 56	2.1	
06/13/73	015/14W-32K01	1101	1101	74 F 23 C	7.9	639	53 2.64 40	17 1.40 21	56 2.44 37	4.0 .10	0 .00	235 3.85 57	83 1.73 26	40 1.13 17	.0 .00	.00 .0	.4 349	202 10	1.7	
06/07/73	015/14W-32M06	5050	5050	72.0 F 22.2 C	8.2	920	43 2.15 23	27 2.22 23	114 4.96 52	5.3 .14	0 .00	351 5.75 60	71 1.48 15	82 2.31 24	5.0 .08	.35 --	.5 520	219 0	3.4	
05/14/73	025/11W-07009	5050	5050	68 F 20 C	7.7	838	107 5.34 59	19 1.56 17	47 2.04 23	4.8 .12	0 .00	256 4.20 46	164 3.41 38	45 1.27 14	11.0 .18	.07 --	.2 524	345 135	1.1	
03/14/73	025/11W-18001	1101	1101	66 F 19 C	7.6	1040	111 5.54 50	20 1.64 15	88 3.83 34	5.0 .13	0 .00	246 4.03 36	222 4.62 41	87 2.45 22	5.9 .10	.00 .1	-- 660	359 158	2.0	
06/11/73		1101	1101	67 F 19 C	7.8	1050	114 5.69 51	19 1.56 14	89 3.87 34	5.0 .13	0 .00	251 4.11 36	233 4.85 42	88 2.48 21	6.5 .10	.00 .0	-- 678	362 157	2.0	
09/17/73		1101	1101	66 F 19 C	7.8	1055	119 5.94 52	17 1.40 12	91 3.96 35	5.0 .13	0 .00	253 4.15 36	224 4.66 41	89 2.51 22	8.7 .14	.00 .0	-- 678	367 160	2.1	
10/10/72	025/11W-18006	1101	1101	67 F 19 C	7.5	1040	115 5.74 52	14 1.15 10	91 3.96 36	5.0 .13	0 .00	245 4.02 37	208 4.33 40	83 2.34 22	7.3 .12	-- --	-- 644	344 144	2.1	
05/08/73	025/11W-19F02	1101	1101	66 F 19 C	7.6	969	101 5.04 50	24 1.97 19	70 3.05 30	4.0 .10	0 .00	232 3.80 37	191 3.98 39	81 2.28 22	15.0 .24	.00 .0	.5 600	350 141	1.6	
10/11/72	025/11W-19M01	1101	1101	66 F 19 C	7.6	947	101 5.04 51	20 1.64 17	70 3.05 31	4.0 .10	0 .00	214 3.51 35	189 3.93 40	80 2.26 23	12.0 .19	-- --	-- 581	334 159	1.7	
06/11/73		1101	1101	65 F 18 C	7.5	931	113 5.64 57	12 .99 10	73 3.18 32	4.0 .10	0 .00	208 3.41 34	204 4.25 43	74 2.09 21	13.2 .21	.00 .0	-- 595	331 161	1.7	
09/17/73		1101	1101	70 F 21 C	7.6	986	107 5.34 51	20 1.64 16	79 3.44 33	4.0 .10	0 .00	235 3.85 37	197 4.10 39	81 2.28 22	14.5 .23	.00 .0	-- 618	349 157	1.8	
05/16/73	025/11W-29E05	1101	1101	76 F 24 C	7.6	1380	186 9.28 60	40 3.29 21	62 2.70 18	5.0 .13	0 .00	286 4.69 31	311 6.48 42	136 3.84 25	22.4 .36	.00 .0	.6 903	629 394	1.1	
05/16/73	025/11W-32G03	1101	1101	78 F 26 C	7.6	1380	182 9.08 59	44 3.62 23	62 2.70 17	4.0 .10	0 .00	249 4.08 27	355 7.39 48	126 3.55 23	22.4 .34	.00 .0	.6 918	435 431	1.1	

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER				MILLIGRAMS PER LITER				REM
				CENTRAL HYDRO SURAREA										PERCENT REACTANCE VALUE				SUM				
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	8	F	TDS	TH	SAR					
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT																						
05/16/73	1101	83	F		61	8.0	40	3.0	0	178	78	35	6.1	.00	.4		185					
1130	1101	28	C	8.0	542	3.04	.66	1.74	.08	.00	2.92	1.62	.99	.10	.00	.0	319	39	1.3			
					55	12	32	1		52	29	18	2									
025/11W-33N01 S																						
05/16/73	1101	72	F		57	12	27	4.0	0	178	66	29	5.9	.00	.5		191					
1605	1101	22	C	8.0	616	2.84	.99	1.17	.10	.00	2.92	1.37	.82	.10	.00	.0	288	46	0.8			
					56	19	23	2		56	26	16	2									
025/12W-01P03 S																						
03/14/73	1101	69	F		91	16	119	3.0	0	217	212	120	.0	.00	--		293					
1230	1101	21	C	7.7	1092	4.54	1.32	5.18	.08	.00	3.56	4.41	3.38	.00	.0	648	115	3.0				
					41	12	47	1		31	39	30										
025/12W-03C01 S																						
06/11/73	1101	69	F		93	21	124	4.0	0	225	211	144	.0	.00	--		318					
1330	1101	21	C	7.6	1140	4.64	1.73	5.39	.10	.00	3.69	4.39	4.06	.01	.0	708	134	3.0				
					39	15	45	1		30	36	33										
025/12W-05A01 S																						
05/09/73	1101	75	F		77	24	111	2.0	0	263	74	160	18.1	.05	.3		291					
2330	1101	24	C	7.5	1050	3.84	1.97	4.83	.05	.00	4.31	1.54	4.51	.29	.0	595	75	2.8				
					36	18	45			40	14	42	3									
025/12W-05M01 S																						
05/09/73	1101	70	F		83	15	93	3.0	0	245	79	123	16.3	.00	.6		268					
1020	1101	21	C	7.4	943	4.14	1.23	4.05	.08	.00	4.02	1.64	3.47	.30	.0	535	68	2.5				
					44	13	43	1		43	17	37	3									
025/12W-06K01 S																						
05/31/73	5050	78	F		63	23	140	5.0	0	284	79	169	5.0	.32	.7		647					
	5050	26	C	8.2	1129	3.14	1.89	6.09	.13	.00	4.65	1.64	4.77	.08	--	.0	624	19	3.8			
					28	17	54	1		42	15	43	1									
025/12W-09M02 S																						
05/09/73	1101	72	F		62	22	88	3.0	0	245	102	99	.0	.20	.5		245					
0930	1101	22	C	7.5	662	3.09	1.81	3.83	.08	.00	4.02	2.12	2.79	.00	.0	497	44	2.4				
					35	21	43	1		45	24	31										
025/12W-10K03 S																						
10/11/72	1101	74	F		74	13	50	3.0	0	236	81	55	.0	--	--		238					
0900	1101	23	C	7.9	681	3.69	1.07	2.18	.08	.00	3.87	1.69	1.55	.00	.0	392	45	1.4				
					53	15	31	1		54	24	22										
025/12W-10K03 S																						
03/14/73	1101	78	F		75	13	50	3.0	0	234	83	52	.0	.00	--		240					
0850	1101	26	C	7.9	668	3.74	1.07	2.18	.08	.00	3.84	1.73	1.47	.00	.0	391	49	1.4				
					53	15	31	1		55	25	21										
025/12W-10K03 S																						
06/12/73	1101	76	F		81	10	50	3.0	0	232	83	52	.0	.00	--		243					
0920	1101	24	C	7.7	683	4.04	.82	2.18	.08	.00	3.80	1.73	1.47	.00	.0	393	53	1.4				
					57	12	31	1		54	25	21										
025/12W-10K03 S																						
09/17/73	1101	68	F		76	15	51	3.0	0	229	90	57	.0	.00	--		251					
1000	1101	20	C	7.8	682	3.79	1.23	2.22	.08	.00	3.75	1.87	1.61	.00	.0	405	64	1.4				
					52	17	30	1		52	26	22										
025/12W-12E02 S																						
05/08/73	1101	68	F		80	36	64	4.0	0	239	168	91	.0	.00	.8		347					
0645	1101	20	C	7.6	943	3.99	2.96	2.78	.10	.00	3.92	3.50	2.57	.00	.1	561	152	1.5				
					41	30	28	1		39	35	26										
025/12W-12M02 S																						
05/08/73	1101	71	F		78	13	65	4.0	0	234	120	61	.0	.00	.4		248					
0650	1101	22	C	7.7	767	3.89	1.07	2.83	.10	.00	3.84	2.50	1.72	.00	.5	457	56	1.8				
					49	14	36	1		48	31	21										
025/12W-13L05 S																						
05/27/73	5050	68	F		74	17	65	4.3	0	168	158	60	8.2	.20	.5		496					
1120	5050	20	C	8.0	806	3.69	1.40	2.83	.11	.00	2.75	3.29	1.69	.13	--	.0	469	117	1.8			
					46	17	35	1		35	42	22	2									
025/12W-14808 S																						
10/12/72	1101	65	F		90	23	93	6.0	0	234	194	86	26.8	--	--		319					
0805	1101	18	C	7.5	1020	4.49	1.89	4.05	.15	.00	3.84	4.04	2.43	.43	.0	634	127	2.3				
					42	18	36	1		36	38	23	4									
025/12W-14808 S																						
06/11/73	1101	66	F		50	10	69	4.0	0	147	116	45	15.4	.00	--		186					
1305	1101	19	C	7.4	644	2.50	.82	3.00	.10	.00	2.41	2.42	1.27	.25	.0	382	46	2.3				
					39	13	47	2		38	38	20	4									
025/12W-14808 S																						
09/17/73	1101	77	F		77	24	96	6.0	0	153	230	92	14.8	.00	--		291					
	1101			7.2	965	3.84	1.97	4.18	.15	.00	2.51	4.79	2.59	.24	.0	615	165	2.4				
					38	19	41	1		25	47	26	2									
025/12W-15J03 S																						
10/10/72	1101	89	F		89	16	89	4.0	0	205	188	73	20.4	--	--		288					
	1101			7.4	928	4.44	1.32	3.87	.10	.00	3.36	3.91	2.86	.33	.0	580	120	2.3				
					46	14	40	1		35	40	21	3									
025/12W-15J03 S																						
03/14/73	1101	67	F		91	17	89	5.0	0	206	192	80	21.3	.00	--		297					
1645	1101	19	C	7.5	949	4.54	1.40	3.87	.13	.00	3.38	4.00	2.26	.34	.0	597	128	2.2				
					46	14	39	1		34	40	23	3									
025/12W-15J03 S																						
06/11/73	1101	67	F		85	20	90	5.0	0	206	201	84	22.7	.00	--		294					
1230	1101	19	C	7.6	967	4.24	1.64	3.92	.13	.00	3.38	4.18	2.37	.37	.0	609	125	2.3				
					43	17	39	1		33	41	23	4									
025/12W-15J03 S																						
09/17/73	1101	66	F		90	19	89	4.0	0	211	190	81	24.3	.00	--		302					
1235	1101	19	C	7.6	960	4.49	1.56	3.87	.10	.00	3.46	3.96	2.28	.39	.0	601	130	2.2				
					16	16	39	1		34	39	23	4									



TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REM		
					CA	MG	NA	K	CO3	HCO3	SO4	CL	PERCENT REACTANCE VALUE	NO3	B	F	TDS SUM		TH MCM	SAR
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																				
05/16/73	1101	69	F			94	17	60	3.0	0	179	172	81	.0	.45	.5	304			
1015	1101	21	C	7.9	850	4.69	1.40	2.61	.08	.00	2.93	3.58	2.28	.00	.0	.0	515	158 1.5		
						53	16	30	1		33	41	26							
06/19/73	1101	78	F			49	14	73	3.0	0	242	62	61	1.2	.05	.4	382	179		
1610	1101	26	C	8.0	656	2.45	1.15	3.18	.08	.00	3.97	1.29	1.72	.02	.0	.0	382	0 2.4		
						36	17	46	1		57	18	25							
05/16/73	1101	78	F			49	12	58	3.0	0	234	52	45	.0	.05	.5	334	171		
0940	1101	26	C	7.8	583	2.45	.99	2.52	.08	.00	3.84	1.08	1.27	.00	.0	.0	334	0 1.9		
						41	16	42	1		62	17	21							
10/10/72	1101	68	F			99	25	63	5.0	0	192	191	76	10.0	--	--	563	350		
	1101	20	C	7.6	906	4.94	2.06	2.74	.13	.00	3.15	3.98	2.14	.16	--	--	563	193 1.5		
						50	21	28	1		33	42	23	2						
03/14/73	1101	72	F			101	18	72	5.0	0	195	199	78	11.7	.00	--	581	326		
1300	1101	22	C	7.8	912	5.04	1.48	3.13	.13	.00	3.20	4.14	2.20	.19	.0	.0	581	166 1.7		
						52	15	32	1		33	43	23	2						
07/23/73	1101	66	F			103	19	68	5.0	0	197	188	80	12.2	.00	--	572	335		
0845	1101	19	C	7.5	906	5.14	1.56	2.96	.13	.00	3.23	3.91	2.26	.20	.0	.0	572	174 1.6		
						53	16	30	1		34	41	24	2						
09/17/73	1101	66	F			96	19	70	4.0	0	199	190	76	14.5	.00	--	567	317		
1430	1101	19	C	7.7	919	4.79	1.56	3.05	.10	.00	3.26	3.96	2.14	.23	.0	.0	567	155 1.7		
						50	16	32	1		34	41	22	2						
10/10/72	1101	69	F			91	22	75	4.0	0	187	195	78	12.3	--	--	569	317		
1330	1101	21	C	7.7	940	4.54	1.81	3.26	.10	.00	3.06	4.06	2.20	.20	--	--	569	165 1.8		
						47	19	34	1		32	43	23	2						
03/14/73	1101	62	F			94	19	87	5.0	0	198	196	78	13.6	.00	--	590	312		
0900	1101	17	C	7.8	917	4.69	1.56	3.78	.13	.00	3.25	4.08	2.20	.22	.0	.0	590	150 2.1		
						46	15	37	1		33	42	23	2						
06/11/73	1101	70	F			98	15	79	4.0	0	197	188	81	13.8	.00	--	576	306		
1030	1101	21	C	7.7	917	4.89	1.23	3.44	.10	.00	3.23	3.91	2.28	.22	.0	.0	576	145 2.0		
						51	13	36	1		34	41	24	2						
09/17/73	1101	68	F			100	13	77	4.0	0	187	194	76	14.9	.00	--	571	303		
1035	1101	20	C	7.7	921	4.99	1.07	3.35	.10	.00	3.06	4.04	2.14	.24	.0	.0	571	150 1.9		
						52	11	35	1		32	43	23	3						
05/08/73	1101	66	F			94	22	82	4.0	0	214	200	86	16.2	.00	.5	610	325		
1010	1101	19	C	7.5	1110	4.69	1.81	3.57	.10	.00	3.51	4.16	2.43	.26	.1	.1	610	150 2.0		
						46	18	35	1		34	40	23	3						
10/10/72	1101	94	F			94	26	73	5.0	0	185	218	79	14.4	--	--	600	341		
	1101	7.6	967	4.69	2.14	3.18	.13	.00	3.03	4.54	2.23	.23	.23	--	--	600	190 1.7			
						46	21	31	1		30	45	22	2						
03/14/73	1101	66	F			92	19	80	5.0	0	184	207	76	16.8	.00	--	584	307		
1035	1101	19	C	7.4	936	4.59	1.56	3.48	.13	.00	3.02	4.31	2.14	.27	.1	.1	584	157 2.0		
						47	16	36	1		31	44	22	3						
06/11/73	1101	66	F			99	17	84	4.0	0	186	216	83	15.6	.00	--	610	317		
1145	1101	19	C	7.5	952	4.94	1.40	3.65	.10	.00	3.05	4.50	2.34	.25	.0	.0	610	145 2.1		
						49	14	36	1		30	44	23	2						
09/17/73	1101	64	F			71	20	76	4.0	0	171	179	63	14.9	.00	--	512	259		
1220	1101	18	C	7.6	818	3.54	1.64	3.31	.10	.00	2.80	3.73	1.78	.24	.0	.0	512	119 2.1		
						41	19	39	1		33	44	21	3						
10/10/72	1101	97	F			97	16	55	4.0	0	189	160	67	.0	--	--	492	308		
	1101	7.8	813	4.84	1.32	2.39	.10	.00	3.10	3.33	1.89	.00	.00	--	--	492	153 1.4			
						56	15	28	1		37	40	23							
03/14/73	1101	66	F			95	16	77	4.0	0	193	199	77	1.5	.30	--	565	303		
1025	1101	19	C	7.7	911	4.74	1.32	3.35	.10	.00	3.16	4.14	2.17	.02	.2	.2	565	145 1.9		
						50	14	35	1		33	44	23							
06/11/73	1101	72	F			78	15	108	4.0	0	191	228	79	1.6	.00	--	608	256		
1130	1101	22	C	7.7	951	3.89	1.23	4.70	.10	.00	3.13	4.75	2.23	.03	.0	.0	608	100 2.9		
						39	12	47	1		31	47	22							
09/17/73	1101	92	F			92	19	60	4.0	0	189	179	79	2.3	.00	--	528	307		
	1101	7.9	836	4.59	1.56	2.61	.10	.00	3.10	3.73	2.23	.04	.04	.0	.0	528	153 1.5			
						52	18	29	1		34	41	25							
05/16/73	1101	67	F			114	23	53	3.0	0	218	190	86	9.8	.00	.6	582	379		
0905	1101	19	C	7.6	936	5.69	1.89	2.31	.08	.00	3.44	3.96	2.43	.14	.0	.0	582	207 1.2		
						57	19	23	1		34	40	24	2						
07/17/73	1101	64	F			105	22	63	3.0	0	224	172	73	16.7	.00	.5	565	352		
	1101	18	C	7.7	909	5.24	1.81	2.74	.08	.00	3.67	3.58	2.08	.27	.0	.0	565	149 1.5		
						53	18	28	1		38	37	22	3						

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN							MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					REM
				CA	MG	NA	K	CO3	MCO3	SO4	CL	NO3	B	F	TO5 SUM	TH MCH	SAR			
																		0	1	
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																				
10/10/72	1101																			
	1101		7.6	814	4.24	1.81	1.74	.08	.00	3.80	2.52	1.44	.11			443	302	1.0		
				54	23	22	1			48	32	18	1				113			
06/13/73	1101	69	F		76	23	42	3.0	0	239	113	53	5.4	.05	--		284			
	1020	21	C	7.8	744	3.79	1.89	1.83	.08	3.92	2.35	1.49	.09	.0		433	88	1.1		
					50	25	24	1		50	30	19	1							
06/03/73	1101	68	F		79	26	41	3.0	0	188	165	51	6.4	.00	.6		304			
	0825	20	C	7.5	766	3.94	2.14	1.78	.08	3.08	3.44	1.44	.11	.0		464	150	1.0		
					50	27	22	1		38	43	18	1							
09/17/73	1101	69	F		78	24	43	2.0	0	237	117	52	8.0	.00	--		293			
	1135	21	C	7.7	736	3.89	1.97	1.87	.05	3.88	2.44	1.47	.13	.00		441	99	1.1		
					50	25	24	1		49	31	19	2							
025/12W-34P01 S																				
05/00/73	5050	68	F		103	22	50	4.3	0	190	190	69	11.2	.00	.3		403	348		
	1800	20	C	8.2	898	5.14	1.81	2.18	.11	3.11	3.96	1.95	.18	.00	--	543	192	1.2		
					56	20	24	1		34	43	21	2							
05/15/73	1101	70	F		107	21	50	4.0	0	202	177	72	10.6	.00	.7		353			
	1610	21	C	7.5	876	5.34	1.73	2.18	.10	3.31	3.69	2.03	.17	.0		541	188	1.2		
					57	19	23	1		36	40	22	2							
025/12W-35K01 S																				
05/29/73	5050	68	F		62	14	28	2.9	0	220	63	18	5.8	.01	.2		339	212		
	1730	20	C	8.3	535	3.09	1.15	1.22	.07	3.61	1.31	.51	.09	--		302	32	0.8		
					56	21	22	1		65	24	9	2							
025/13W-01K01 S																				
05/08/73	1101	71	F		60	16	78	4.0	0	258	103	41	.0	.50	.8		215			
	1330	22	C	7.8	710	2.99	1.32	3.39	.10	4.23	2.14	1.16	.80	3.2		433	4	2.3		
					38	17	43	1		56	28	15								
025/13W-01N01 S																				
6/28/72	1101	76	F		60	16	43	3.0	0	229	76	30	.0	.00	--		215			
	0905	24	C	7.5	576	2.99	1.32	1.87	.08	3.75	1.58	.85	.00	--		341	28	1.3		
					48	21	30	1		61	26	14								
025/13W-01P03 S																				
10/10/72	1101				115	27	119	4.0	0	242	197	162	.0	--	--		398			
	1101			7.5	1290	5.74	2.22	5.18	.10	3.97	4.10	5.13	.00	--	--	763	200	2.6		
					43	17	39	1		30	31	39								
09/17/73	1101	70	F		96	21	122	3.0	0	228	199	137	.0	.00	--		326			
	1410	21	C	7.8	1130	4.79	1.73	5.31	.08	3.74	4.14	3.86	.00	.3		690	139	2.9		
					40	15	45	1		32	35	33								
025/13W-05801 S																				
05/10/73	5050	72	F		1125	128	37	7.7	5.7	0	295	229	116	1.0	.19	.3	793	472		
	1835	22	C	7.6	1215	6.39	3.04	3.44	.15	4.84	4.77	3.27	.02	--		741	230	1.6		
					49	23	26	1		38	37	25								
06/07/73	5050	70.0F			90	37	78	5.9	0	171	237	119	.6	.17	.5		609	375		
	1430	21.1C	7.9	1076	4.49	3.04	3.39	.15	.00	2.80	4.93	3.36	.01	--		652	237	1.7		
					41	27	31	1		25	44	30								
025/13W-10P05 S																				
06/25/73	1101	69	F		65	13	42	4.0	0	234	83	24	.0	.00	.5		215			
	1101	21	C	8.0	583	3.24	1.07	1.83	.10	3.84	1.73	.68	.00	.0		346	24	1.2		
					52	17	29	2		61	28	11								
025/13W-10P04 S																				
06/25/73	1101	66	F		69	18	46	4.0	0	245	98	34	7.0	.00	.5		246			
	1101	19	C	8.1	669	3.44	1.48	2.00	.10	4.02	2.04	.96	.11	.0		394	45	1.3		
					49	21	28	1		56	29	13	2							
025/13W-11E04 S																				
06/25/73	1101	66	F		79	20	56	5.0	0	260	107	61	.0	.00	.5		279			
	1101	19	C	7.5	785	3.94	1.64	2.44	.13	4.26	2.23	1.72	.00	.0		456	46	1.5		
					48	20	30	2		52	27	21								
025/13W-11606 S																				
07/31/73	1101	66	F		59	16	45	3.0	0	222	76	35	.0	.00	.4		213			
	1140	19	C	7.7	580	2.94	1.32	1.96	.08	3.64	1.58	.99	.00	.3		343	31	1.3		
					47	21	31	1		59	25	16								
025/13W-12A01 S																				
07/31/73	1101	72	F		71	20	55	3.0	0	251	66	45	20.3	.80	1.1		259			
	1150	22	C	7.8	727	3.54	1.64	2.39	.08	4.11	1.37	1.83	.33	.1		424	54	1.5		
					46	21	31	1		54	18	24	4							
025/13W-12002 S																				
07/31/73	1101	67	F		64	18	44	3.0	0	231	67	42	13.8	.00	.3		233			
	1105	19	C	7.9	621	3.19	1.48	1.91	.08	3.79	1.39	1.18	.22	.2		344	44	1.3		
					48	22	29	1		58	21	18	3							
025/13W-13A01 S																				
04/19/73	1101				63	16	63	3.0	0	244	76	43	.0	.30	.5		223			
	1500			7.6	682	3.14	1.32	2.74	.08	4.00	1.58	1.78	.00	.0		484	23	1.8		
					43	18	38	1		54	21	24								
025/13W-13E05 S																				
04/06/73	5050	66.0F			28	14	41	3.5	0	134	73	27	.8	.04	.4		248	128		
	1430	18.9C	8.1	485	1.40	1.15	1.78	.09	.00	2.20	1.52	.76	.01	--		253	18	1.6		
					32	26	40	2		49	34	17								

TABLE E-1 (CONT)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL ANALYSES OF GROUND WATER										MILLIGRAMS PER LITER					REM
				MINERAL CONSTITUENTS IN										MILLIEQUIVALENTS PER LITER					
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS	TH	SAR		
				LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA															
07/31/73 1125	1101 1101	66 19	F C	0.1	567	2.89 47	1.32 21	44 31	3.0 1	0 1	228 3.74 42	.74 1.54 25	27 .76 13	.0 .00 13	.00 .0	.6 334	210 24	1.3	
				02S/13W-13R01															
05/31/73 1630	5050 5050	70 26	F C	0.1	594	2.45 40	1.23 20	56 39	3.3 1	0 1	224 3.67 59	.80 1.67 27	29 .82 13	.8 .01 13	.11 --	.6 343	184 1	1.8	
				02S/13W-19P10															
08/01/73 1430	1101 1101	69 21	F C	0.0	969	5.44 52	2.47 23	58 24	4.0 1	0 1	324 5.31 51	120 2.66 25	71 2.00 19	32.0 .52 5	.00 1.0	.6 593	395 130	1.3	
				02S/13W-20R04															
05/11/73 1650	5050 5050	72 22	F C	7.7	600 726	78 3.89 50	20 1.64 21	48 2.52 27	3.7 1	0 1	248 4.06 52	110 2.46 31	40 1.13 14	9.8 .16 2	.17 --	.3 449	277 74	1.3	
				02S/13W-21E01															
06/06/73 1335	1101 1101	64 18	F C	7.9	750	4.34 52	1.73 21	50 26	3.0 1	0 1	280 4.59 54	115 2.39 28	46 1.30 15	10.1 .29 3	.00 .8	.4 478	303 74	1.2	
				02S/13W-23M01															
06/20/73 0855	1101 1101	60 20	F C	7.9	549	2.89 49	1.07 10	43 32	3.0 1	0 1	229 3.75 62	74 1.54 26	26 .73 12	.0 .00	.00 .0	.5 330	198 11	1.3	
				02S/13W-25M04															
06/20/73 0845	1101 1101	67 31	F C	7.4	550	3.14 53	.82 14	44 32	3.0 1	0 1	239 3.92 65	.72 1.50 25	23 .65 11	.0 .00	.05 .3	.5 333	198 2	1.4	
				02S/13W-29M03															
05/26/73 2200	5050 5050	72.0F 22.2C		8.3	525 601	55 2.74 46	14 1.15 19	47 2.04 34	3.0 1	0 1	215 3.52 58	76 1.58 26	34 .96 16	1.6 .03	.03 --	.2 377	195 336	1.5	
				02S/13W-28G02															
06/06/73 1340	1101 1101	63 17	F C	7.8	656	3.44 50	1.48 22	44 28	2.0 1	0 1	241 3.95 55	.98 2.04 29	38 1.07 15	4.1 .07 1	.00 .4	.5 392	246 49	1.2	
				02S/13W-28M01															
06/06/73 1305	1101 1101	66 19	F C	7.4	1740	11.38 55	4.85 24	4.26 21	3.0 1	0 1	476 7.80 38	390 0.12 39	138 3.89 19	53.2 .86 4	.00 .2	.5 1203	812 422	1.5	
				02S/13W-32R1J															
06/07/73 1345	5050 5050	71.0F 21.6C		0.1	507	2.25 42	1.07 20	45 37	2.0 1	0 1	200 3.28 61	74 1.54 29	20 .56 10	1.2 .82	.01 --	.4 306	166 2	1.5	
				02S/13W-35A01															
07/31/73 0955	1101 1101	64 18	F C	7.9	753	4.29 52	1.64 20	50 27	3.0 1	0 1	241 3.95 49	116 2.42 30	56 1.58 20	2.2 .04 1	.00 .0	.4 452	297 99	1.3	
				02S/14W-05D08															
04/05/73 1045	1101 1101	70 21	F C	8.0	1070	3.69 32	3.13 27	110 41	3.0 1	0 1	425 6.97 59	123 2.56 22	84 2.37 20	.0 .00	.00 .2	.4 641	341 0	2.6	
				03S/11W-01C01															
05/16/73 1545	1101 1101	73 23	F C	7.4	1550	136 6.79 43	53 4.36 28	103 4.48 29	2.0 1	0 1	304 4.98 31	150 3.12 19	221 6.23 39	107 1.73 11	.05 .2	.6 922	557 309	1.9	
				03S/11W-01P01															
05/16/73 1525	1101 1101	70 26	F C	8.0	896	3.09 33	1.97 21	96 45	4.0 1	0 1	296 4.85 51	130 2.71 28	70 1.97 21	3.1 .05 1	.00 .0	.5 535	253 11	2.6	
				03S/11W-02K01															
05/16/73 1450	1101 1101	70 21	F C	7.9	543	2.99 55	.66 12	39 31	3.0 1	0 1	177 2.90 52	77 1.60 29	36 1.02 18	4.9 .08 1	.00 .0	.4 315	182 38	1.3	
				03S/11W-03C01															
05/16/73 1700	1101 1101	70 26	F C	7.9	1870	116 5.79 28	58 4.77 23	223 9.70 48	6.0 1	0 1	307 5.03 24	549 11.43 55	146 4.12 20	2.6 .04	.05 .1	.8 1252	528 277	4.2	
				03S/11W-06D02															
05/16/73 1145	1101 1101	71 22	F C	7.6	1410	177 8.83 55	38 3.13 20	88 24	5.0 1	0 1	422 6.92 43	267 5.56 35	111 3.13 19	30.8 .50 3	.00 .0	.6 924	598 252	1.6	
				03S/11W-06N01															
05/29/73 2000	5050 5050	68 20	F C	8.0	673	27 1.95 20	7.6 .63 9	107 4.65 69	3.0 1	0 1	200 3.28 49	111 2.31 35	38 1.07 16	.0 .00	.12 --	.2 392	417 0	4.7	
				03S/11W-14M04															
05/16/73 1420	1101 1101	86 30	F C	7.6	1280	91 4.54 33	43 3.54 26	128 5.57 40	5.0 1	0 1	348 5.70 41	235 4.89 35	117 3.30 24	1.9 .03	.00 .0	.6 792	404 119	2.8	



TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HC03	SO4	CL	NO3	B	F	TDS SUM	TH MCM	SAR	
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																		
05/16/73	1101	68	F		63	15	43	4.0	0	208	.09	42	5.9	.00	.4		219	
1345	1101	20	C	7.9	615	3.14	1.23	1.07	.18	.00	3.41	1.05	1.18	.10	.0	344	48	1.3
					50	19	29	2		52	20	18	2					
05/16/73	1101	80	F		69	33	144	4.0	0	374	.05	90	.0	.05	.5		308	
1330	1101	27	C	7.0	1190	3.44	2.71	6.26	.10	.00	6.13	3.05	2.76	.00	.0	717	1	3.6
					27	22	50	1		48	30	22						
05/30/73	5050	68	F		53	11	22	2.8	11	210	.36	11	1.0	.00	.3		245	177
5050	5050	20	C	0.7	444	2.64	.90	.96	.07	.37	3.57	.75	.31	.03	--	256	0	0.7
					58	20	21	2	7	71	15	6	1					5
05/29/73	5050	78	F		78	29	102	4.3	0	222	.91	110	.6	.07	.3		664	314
1700	5050	6.3	C	1054	3.09	2.38	4.44	.11	.00	3.64	3.98	3.10	.01	--	424	132	2.5	
					36	22	41	1		34	37	29						
05/15/73	1101	76	F		60	21	94	4.0	0	271	.25	65	4.2	.00	.6		236	
1435	1101	24	C	7.7	045	2.99	1.73	4.09	.10	.00	4.44	2.60	1.03	.07	.0	504	14	2.7
					34	19	46	1		50	29	20	1					
05/15/73	1101	70	F		143	34	106	3.0	0	319	.26	119	17.2	.00	.6		497	
1445	1101	21	C	7.5	1330	7.14	2.00	4.61	.00	.00	5.23	5.58	3.36	.20	.0	847	236	2.1
					49	19	32	1		36	39	23	2					
05/27/73	5050	72	F		39	7.2	32	2.3	0	197	.23	7.7	.2	.00	.6		209	127
0900	5050	22	C	0.2	379	1.95	.59	1.39	.06	.00	3.23	.48	.22	.00	--	208	0	1.2
					49	15	35	2		02	12	6						
06/08/73	1101	67	F		60	10	26	2.0	0	245	.32	16	.0	.00	.4		190	
0900	1101	19	C	7.4	459	2.99	.02	1.13	.05	.00	4.02	.67	.45	.00	.0	267	0	0.8
					60	16	23	1		78	13	9						
05/16/73	5050	42	F		42	12	39	1.9	0	225	.25	18	.6	.00	.6		245	156
1030	5050	8.2	C	455	2.10	.99	1.70	.05	.00	3.69	.52	.51	.01	--	249	0	1.4	
					43	20	35	1		78	11	11						
10/10/72	1101	68	F		113	23	49	4.0	0	203	.93	69	7.9	--	--		376	
1415	1101	20	C	7.6	903	5.64	1.09	2.13	.10	.00	3.33	4.02	1.95	.13	--	559	210	1.1
					58	19	22	1		35	43	21	1					
03/14/73	1101	59	F		05	18	59	4.0	0	206	.60	56	5.6	.00	--		246	
0935	1101	15	C	7.9	787	4.24	1.48	2.57	.10	.00	3.38	3.33	1.58	.09	.3	409	117	1.5
					51	18	31	1		40	40	19	1					
06/11/73	1101	65	F		130	11	48	4.0	0	202	.205	74	13.5	.00	--		369	
1050	1101	18	C	7.7	906	6.49	.90	2.09	.10	.00	3.31	4.27	2.09	.22	.0	505	204	1.1
					68	9	22	1		33	43	21	2					
09/17/73	1101	70	F		116	23	56	4.0	0	257	.184	69	18.6	.00	--		384	
1055	1101	21	C	7.7	943	5.79	1.09	2.44	.10	.00	4.21	3.03	1.95	.30	.0	597	174	1.2
					57	18	24	1		41	37	19	3					
10/10/72	1101	111	F		111	20	36	4.0	0	215	.167	59	6.6	--	--		359	
1101	1101	7.8	C	038	5.54	1.64	1.57	.10	.00	3.52	3.48	1.66	.11	--	--	509	103	0.8
					63	19	10	1		40	40	19	1					
03/14/73	1101	64	F		94	26	112	5.0	0	153	.311	102	2.1	.00	--		341	
0950	1101	18	C	7.8	11300	4.69	2.14	4.07	.13	.00	2.51	6.48	2.88	.03	.0	728	216	2.6
					40	18	41	1		21	54	24						
06/11/73	1101	73	F		111	22	37	4.0	0	227	.170	59	7.3	.00	--		347	
1105	1101	23	C	7.6	017	5.54	1.01	1.61	.10	.00	3.72	3.54	1.66	.12	.0	522	102	0.8
					61	20	18	1		41	39	18	1					
09/17/73	1101	66	F		103	25	30	4.0	0	204	.168	65	10.3	.00	--		340	
1105	1101	19	C	7.9	008	5.14	2.06	1.31	.10	.00	3.34	3.50	1.03	.17	.0	506	193	0.7
					60	24	15	1		38	40	21	2					
06/06/73	5050	78.0F	F		49	25	42	3.1	0	120	.86	89	.0	.13	.4		343	225
1330	5050	25.5C	C	0.0	718	2.45	2.06	1.03	.00	1.97	1.79	2.51	.00	--	--	353	127	1.2
					38	32	29	1		31	29	40						
05/15/73	1101	80	F		80	18	45	4.0	0	231	.116	44	.0	.00	.6		273	
1605	1101	21	C	7.4	711	3.99	1.40	1.96	.10	.00	3.79	2.42	1.24	.00	.1	421	84	1.2
					53	20	26	1		51	32	17						
07/31/73	1101	68	F		50	14	47	2.0	0	249	.42	25	.0	.00	.3		102	
1145	1101	20	C	0.0	526	2.50	1.15	2.04	.05	.00	4.08	.87	.71	.00	.0	302	0	1.5
					44	20	36	1		72	15	13						
05/15/73	1101	65	F		89	18	34	3.0	0	229	.114	41	7.1	.00	.6		296	
1550	1101	18	C	7.6	497	4.44	1.48	1.40	.00	3.75	2.37	1.16	.11	.0	419	109	0.9	
					59	20	20	1		51	32	16	1					

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD PH	LABORATORY EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	MCO3	SO4	CL	SIO2	F	TO5	TH	SAR	PERCENT REACTANCE VALUE									
																		B	NO3	NO2	NO3						
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																											
05/15/73	1101	65	F		97	21	50	4.0	0	213	173	62	3.2	.80	.6	328											
1540	1101	18	C	7.7	831	4.84	1.73	2.18	.10	.00	3.49	3.80	1.75	.05	.0	515	154	1.2									
						55	20	25	1		39	40	20	1													
05/15/73	5050	68.0F			1100	113	26	41	4.3	0	270	175	52	3.2	.07	.3	588	389				X					
1915	5050	20.0C	8.0		883	5.64	2.14	1.78	.11	.80	4.43	3.64	1.47	.05	--	547	168	0.9									
						58	22	18	1		46	38	15	1													
05/08/73	5050	65	F		750	100	23	41	4.1	0	205	170	61	7.6	.09	.3	555	344									
1700	5050	18	C	7.8	819	4.99	1.89	1.78	.10	.00	3.36	3.54	1.72	.12	--	508	176	1.0									
						57	22	20	1		38	41	20	1													
05/16/73	1101	70	F			168	33	85	5.0	0	401	214	129	17.2	.00	.5	555	344									
1215	1101	21	C	7.5	1380	8.38	2.71	3.70	.13	.00	6.57	4.46	3.84	.28	.0	848	226	1.6									
						56	18	25	1		44	30	24	2													
05/30/73	5050	68	F			86	22	36	3.8	--	211	140	46	8.2	.00	.3	510	305				0.9					
5050	5050	20	C	8.1	758	4.29	1.81	1.57	.10		3.46	2.91	1.30	.13	--												
						55	23	20	1		44	37	17	2													
05/15/73	1101	64	F			102	18	31	4.0	0	225	126	51	3.6	.00	.6	446	328									
1530	1101	18	C	7.6	754	5.09	1.48	1.35	.10	.00	3.69	2.62	1.44	.06	.0	446	144	0.7									
						63	18	17	1		47	34	18	1													
06/06/73	5050	66.0F				85	22	40	3.9	0	286	77	54	.4	.00	.4	436	305									
1300	5050	18.9C	8.2		804	4.24	1.81	1.74	.10	.00	4.69	1.60	1.52	.01	--	423	68	1.0									
						54	23	22	1		60	20	19														
05/15/73	5050	68.0F				81	18	43	3.2	0	300	56	47	.6	.05	.2	417	276									
5050	5050	20.0C	8.0		596	4.04	1.48	1.87	.08	.00	4.92	1.17	1.33	.01	--	396	30	1.1									
						54	20	25	1		66	16	18														
05/22/73	1101	69	F			61	11	31	2.8	0	253	47	17	.0	.00	.5	197										
1230	1101	21	C	7.7	490	3.04	.90	1.35	.05	.00	4.15	.98	.48	.00	.0	293	0	1.0									
						57	17	25	1		74	17	9														
05/14/73	5050	68	F			450	29	14	212	4.4	0	155	301	104	1.0	.11	.3	753	130			X					
1745	5050	20	C	7.9	1219	1.45	1.15	9.22	.11	.00	2.54	6.27	2.93	.03	--	743	3	8.1									
						12	10	77	1		22	53	25														
07/25/73	5050	68.0F				31	11	26	2.3	0	159	20	22	.2	.00	.6	233	123									
5050	5050	20.0C	7.7		393	1.55	.90	1.13	.06	.00	2.61	.42	.62	.00	--	191	0	1.0									
						43	25	31	2		72	12	17														
05/15/73	5050	72	F			79	30	95	4.7	0	160	258	90	1.4	.09	.3	659	321									
1900	5050	22	C	7.8	1028	3.94	2.47	4.13	.12	.00	2.62	5.37	2.54	.02	--	637	190	2.3									
						37	23	39	1		25	51	24														
05/14/73	5050	73.0F				690	87	28	82	4.4	0	177	243	79	3.2	.09	.3	640	332			X					
1835	5050	22.8C	7.9		990	4.34	2.30	3.57	.11	.00	2.90	5.06	2.23	.05	--	614	187	2.0									
						42	22	35	1		28	49	22														
05/08/73	5050	65	F			450	58	12	23	2.9	0	230	41	11	1.4	.06	.3	273	194								
1430	5050	18	C	7.9	467	2.89	.99	1.00	.07	.00	3.77	.85	.31	.02	--	262	6	0.7									
						58	20	20	1		76	17	6														
05/30/73	5050	70	F			66	21	42	3.8	0	167	139	46	1.8	.00	.3	444	251									
1930	5050	21	C	8.3	686	3.29	1.73	1.83	.10	.00	2.74	2.89	1.30	.03	--	402	114	1.2									
						47	25	26	1		39	42	19														
05/31/73	5050	68	F			46	10	22	2.7	0	190	37	9.0	1.8	.00	.3	250	159									
2000	5050	20	C	8.2	413	2.30	.87	.96	.07	.00	3.11	.77	.25	.03	--	223	3	0.8									
						55	21	23	2		75	19	6	1													
05/15/73	1101	70	F			55	10	23	3.0	0	225	30	14	.0	.00	.9	178										
1300	1101	21	C	7.7	435	2.74	.82	1.00	.08	.00	3.69	.62	.39	.00	.0	246	0	0.7									
						59	18	22	2		79	13	8														
06/05/73	5050	63.0F				103	22	30	3.2	0	343	76	40	.1	.04	.5	373	347									
0730	5050	17.2C	8.2		763	5.14	1.81	1.31	.08	.00	5.62	1.58	1.13	.00	--	443	67	0.7									
						62	22	16	1		67	19	14														
05/27/73	5050	72	F			88	18	34	3.2	0	286	73	41	.0	.03	1.3	441	294									
1630	5050	22	C	8.3	699	4.39	1.48	1.48	.08	.00	4.69	1.52	1.16	.00	--	398	59	0.9									
						59	20	20	1		64	21	16														
05/15/73	5050	70.0F				54	10	22	2.6	0	247	15	9.0	.2	.05	.3	253	177				X					
1720	5050	21.1C	7.7		436	2.69	.85	.96	.07	.00	4.05	.31	.25	.00	--	235	0	0.7									
						59	19	21	2		88	7	5														

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PM EC	MINERAL CONSTITUENTS IN	MILLIGRAMS PER LITER					MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER			REM	
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	SI02	TDS SUM	TM MCH	SAR		
				LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA															
05/22/73	1101	70	F		57	9.0	44	2.0	0	234	61	16	.3	.05	.5		179		
1200	1101	21	C	7.7	529	2.84	.74	1.91	.05	0.00	3.04	1.27	.45	.00	.0	364	0	1.4	
					51	13	34	1		69	23	8							
05/15/73	1101	72	F		58	6.0	56	3.0	0	230	57	40	.0	.00	.6		169		
1220	1101	22	C	7.9	564	2.89	.49	2.44	.08	0.00	3.77	1.19	1.13	.00	.0	333	0	1.9	
					49	8	41	1		62	20	19							
05/17/73	1101	63	F		63	11	23	3.0	0	248	36	12	.0	.00	.5		202		
1101	1101	8.0	C	472	3.14	.90	1.00	.08	.00	4.06	.75	.34	.00	.0	.0	270	0	0.7	
					61	18	20	2		79	15	7							
05/15/73	1101	68	F		60	10	23	3.0	0	248	18	18	.0	.05	.6		190		
1200	1101	20	C	7.6	450	2.99	.82	1.00	.08	0.00	4.06	.37	.51	.00	.1	254	0	0.7	
					61	17	20	2		82	7	10							
05/17/73	1101	53	F		53	8.0	23	3.0	0	230	20	11	.0	.05	.4		165		
1101	1101	7.8	C	400	2.64	.66	1.00	.08	.00	3.77	.42	.31	.00	.0	.0	231	0	0.8	
					60	15	23	2		64	9	7							
05/17/73	1101	48	F		48	8.0	31	3.0	0	231	25	11	.0	.00	.1		152		
1101	1101	8.0	C	418	2.40	.66	1.35	.08	.00	3.79	.52	.31	.00	.0	.0	240	0	1.1	
					53	15	30	2		82	11	7							
05/15/73	1101	80	F		80	14	27	3.0	0	280	48	30	.0	.10	.5		257		
1145	1101	19	C	7.7	600	3.99	1.15	1.17	.08	0.00	4.59	1.00	.85	.00	.0	340	28	0.7	
					62	18	18	1		71	16	13							
03/29/73	1101	58	F		58	10	41	3.0	0	222	75	20	--	--	.3		185		
1101	1101	21	C	7.8	552	2.89	.82	1.78	.08	0.00	3.64	1.56	.56	.0	.0	314	4	1.3	
					52	15	32	1		63	27	10							
05/29/73	1101	61	F		61	13	43	3.0	0	226	86	25	.1	--	.4		205		
1101	1101	25	C	7.7	595	3.04	1.07	1.87	.08	0.00	3.70	1.79	.71	.00	.0	342	21	1.3	
					50	18	31	1		60	29	11							
05/17/73	5050	81	F		81	31	120	5.0	0	168	304	96	1.8	.13	.6		739	329	
1700	5050	19	C	7.8	1163	4.04	2.55	5.22	.13	0.00	2.75	6.33	2.71	.03	--	722	192	2.9	
					34	21	44	1		23	54	23							
05/16/73	5050	60	F		60	14	42	3.0	0	223	71	30	2.4	.11	.6		334	207	
1910	5050	18	C	8.1	582	2.99	1.15	1.83	.08	0.00	3.65	1.48	.85	.04	--	332	25	1.3	
					49	19	30	1		61	25	14	1						
05/09/73	5050	68.0F	F		500	60	13	46	2.9	0	240	70	23	5.0	.09	.3		357	203
2040	5050	20.0C	C	7.9	583	2.99	1.07	2.00	.07	0.00	3.93	1.46	.65	.08	--	338	7	1.4	
					49	17	33	1		64	24	11	1						
06/19/73	1101	57	F		57	13	41	3.0	0	241	61	22	1.0	.00	.6		195		
0930	1101	19	C	8.1	541	2.84	1.07	1.78	.08	0.00	3.95	1.27	.62	.02	.0	316	0	1.3	
					49	19	31	1		67	22	11							
05/10/73	5050	68	F		500	53	15	44	2.9	0	232	69	23	1.4	.11	.2		336	194
1740	5050	20	C	7.6	563	2.84	1.23	1.91	.07	0.00	3.80	1.44	.45	.02	--	322	4	1.4	
					45	21	33	1		64	24	11							
05/09/73	5050	72	F		550	43	7.5	53	1.9	0	174	77	24	.2	.09	.2		294	139
1830	5050	22	C	8.0	500	2.15	.62	2.31	.05	0.00	2.85	1.60	.48	.00	--	292	0	2.0	
					42	12	45	1		56	31	13							
05/09/73	5150	29	F		418	4.4	54	2.4	0	172	42	20	.2	.05	.2		237	91	
5050	5050	7.9	C	7.9	418	1.45	.36	2.35	.06	0.00	2.82	.87	.56	.00	--	237	0	2.5	
					34	9	56	1		66	20	13							
06/06/73	5050	79	F		944	3.94	1.89	2.70	.13	0.00	2.21	3.44	2.76	.03	.3		534	292	
1230	5050	19.4C	C	7.9	944	45	22	31	2	0.00	26	41	33	--	--	500	181	1.6	
					45														
06/12/73	1101	144	F		1080	7.19	1.56	2.91	.10	0.00	5.46	3.75	2.71	.00	.30	.5		437	165
1540	1101	7.7	C	7.7	1080	61	13	25	1	0.00	46	31	23	.0	.1	674	145	1.4	
					61														
06/12/73	1101	58	F		547	8.0	49	2.0	0	216	70	31	.0	.00	.3		177		
1445	1101	24	C	7.7	547	2.89	.66	2.13	.05	0.00	3.54	1.46	.87	.00	.0	324	1	1.6	
					50	12	37	1		60	25	15							
05/11/73	5050	74	F		700	95	13	74	2.4	0	175	91	155	.6	.16	.1		552	291
1800	5050	23	C	7.5	934	4.74	1.07	3.22	.06	0.00	2.87	1.89	4.37	.01	--	517	147	1.9	
					52	12	35	1		31	21	48							



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY	FIELD EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	CO3	SO4	CL	NO3	B	F	TDS SUM	TH NCM	SAR	
U U-05 U-05-A U-05-A5 035/13W-35K04																			
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																			
06/12/73	1101	79	F		20	1.0	72	2.0	0	194	10	33	.0	.00	.5		54		
1530	1101	26	C	8.3	399	1.00	.08	3.13	.05	.00	3.18	.21	.93	.00	.0	233	0	4.3	
					23	2	73	1		74	5	22							
035/13W-35P01																			
06/12/73	1101	76	F		73	8.0	67	2.0	0	194	102	75	.0	.00	.4		215		
1590	1101	24	C	7.7	718	3.64	.66	2.91	.05	.00	3.18	2.12	.93	.00	.0	422	56	2.0	
					50	9	40	1		43	29	29							
035/13W-35003																			
06/12/73	1101	79	F		18	2.0	68	1.0	0	190	13	25	.0	.00	.5		53		
1515	1101	26	C	8.2	379	.90	.16	2.96	.03	.00	3.11	.27	.71	.00	.0	220	0	4.1	
					22	4	73	1		76	7	17							
045/11W-05C02																			
05/31/73	5050				37	9.6	46	1.8	0	218	39	13	.2	.06	.3		278		
1830	5050			8.3	460	1.85	.79	2.00	.05	.00	3.57	.81	.37	.00	--	254	0	1.7	
					39	17	43	1		75	17	8							
045/11W-07N01																			
05/27/73	5050	68	F		55	7.6	33	2.1	14	243	30	11	.8	.00	.2		282		
	5050	20	C	8.6	460	2.74	.63	1.44	.05	.47	3.98	.62	.31	.01	--	273	148	1.1	
					56	13	30	1	9	74	12	6							
045/11W-10J01																			
05/15/73	1101	66	F		44	11	41	2.0	0	235	33	19	.0	.05	.6		155		
1340	1101	19	C	7.9	464	2.20	.90	1.78	.05	.00	3.85	.69	.54	.00	.1	266	0	1.4	
					45	10	36	1		76	14	11							
045/12W-03M01																			
05/17/73	1101				50	9.0	24	3.0	0	221	24	10	.0	.00	.4		141		
	1101			8.1	396	2.50	.74	1.04	.08	.00	3.62	.50	.28	.00	.0	229	0	0.8	
					57	17	24	2		82	11	6							
045/12W-06J01																			
04/03/73	4206				9.5	.3	70	1.2	5.0	167	1.0	37	--	--	.5		232*		
	4206			8.7	383	.47	.02	3.43	.03	.17	2.74	.02	1.05	--	18.5	234	25	6.9	
					12		87	1											
045/12W-06J02																			
09/04/73	4206	78.8F			9.2	.3	78	1.0	4.4	172	.6	35	.2	--	.5		244*		
	4206	26.0C	8.6	398	.46	.02	3.41	.03	.15	2.82	.01	.99	.00	--	19.5	232	24	6.9	
					12		87	1	4	71		25							
045/12W-06J02																			
10/05/72	4206				10	.4	76	1.4	6.5	176	7.2	30	.0	--	.5		228*		
	4206			8.7	382	.52	.03	3.34	.04	.22	2.88	.15	.86	.00	17.5	237	28	6.4	
					13	1	85	1	5	70	4	21							
045/12W-06K01																			
06/04/73	4206				11	.3	79	1.1	7.6	182	.2	30	--	--	.5		240*		
	4206			8.7	395	.55	.02	3.48	.03	.25	2.98	.00	.85	--	19.2	239	29	6.5	
					13		85	1											
045/12W-06K01																			
03/21/73	4206				13	.6	92	1.3	4.3	230	2.3	21	--	--	.5		240*		
	4206			8.5	423	.67	.05	4.01	.03	.14	3.77	.05	.61	--	19.0	248	36	6.7	
					14		84	1											
045/12W-06K02																			
10/03/72	4206				13	1.2	63	1.8	4.0	152	17	22	.0	--	.5		209*		
	4206			8.6	358	.66	.10	2.77	.05	.13	2.49	.36	.64	.00	16.2	215	38	4.5	
					18	3	77	1	4	69	10	18							
045/12W-06K02																			
01/30/73	4206				13	1.1	66	1.4	5.9	149	20	25	.0	--	--		208*		
	4206			8.7	348	.68	.09	2.90	.04	.20	2.44	.43	.71	.00	18.1	224	39	4.7	
					18	2	78	1	5	65	11	19							
045/12W-06K01																			
06/05/73	1101				16	1.0	66	1.0	0	169	22	23	.0	.00	.5		44		
	1101			8.2	365	.80	.08	2.87	.03	.00	2.77	.46	.65	.00	.0	212	0	4.3	
					21	2	76	1		71	12	17							
045/12W-06K04																			
08/01/73	4206				18	1.8	61	1.6	4.1	159	30	12	--	--	.5		245*		
	4206			8.6	359	.92	.15	2.66	.04	.14	2.61	.62	.35	--	16.9	224	53	3.6	
					24	4	71	1											
045/12W-08D02																			
03/21/73	4206				18	1.5	63	1.7	2.6	150	22	24	--	--	.5		212*		
	4206			8.5	360	.91	.12	2.76	.04	.09	2.46	.47	.69	--	17.4	226	52	3.8	
					24	3	72	1											
045/12W-08D02																			
05/07/73	5050	68.0F			36	5.4	34	2.1	0	188	21	11	.5	.01	.1		211		
2000	5050	20.0C	7.9	363	1.80	.44	1.48	.05	.00	3.08	.44	.31	.01	.01	--	202	112	1.4	
					48	12	39	1		80	11	8							
045/12W-08R01																			
05/17/73	1101				7.0	.0	86	1.0	0	195	.0	34	.0	.00	.6		17		
	1101			8.2	392	.35	.00	3.74	.03	.00	3.20	.00	.96	.00	.0	224	0	9.0	
					8		91	1		77		23							
045/12W-10G01																			
05/17/73	1101				46	7.0	30	3.0	0	214	21	13	.0	.00	.4		143		
	1101			8.2	391	2.30	.58	1.31	.08	.00	3.51	.44	.37	.00	.0	225	0	1.1	
					54	14	31	2		81	10	9							
045/12W-10H03																			
05/17/73	1101				47	6.0	27	3.0	0	218	18	10	.0	.00	.4		142		
	1101			8.0	372	2.35	.49	1.17	.08	.00	3.57	.37	.28	.00	.5	219	0	1.0	
					57	12	29	2		85	9	7							

TABLE E-1 (CONT)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REM	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM		TH MCH
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																	
11/03/72	4206 4206		8.0 366	44 2.20 55	5.0 .41 10	30 1.32 33	3.2 .08 2	0 .00 78	197 3.23 16	.32 .68 16	9.0 .25 6	.0 .00 -	-- 19.3	.4 241	237* 131 0	131 0	1.2
04/03/73	4206 4206		8.2 400	43 2.18 54	5.2 .43 11	31 1.37 34	3.0 .08 2	0 .00 85	201 3.29 16	.16 .33 9	8.1 .23 6	-- -	-- 21.5	.3 243* 228	130 0	130 0	1.2
07/23/73	1101 1101		7.8 390	46 2.30 55	5.0 .41 10	32 1.39 33	2.0 .05 1	0 .00 76	199 3.28 12	.25 .52 12	10 .51 12	.0 .00 -	.08 .0	.3 224	135 0	135 0	1.2
07/03/73	4206 4206		8.2 366	44 2.21 56	4.9 .40 10	28 1.25 32	2.7 .07 2	0 .00 84	198 3.25 17	.17 .36 9	9.8 .28 7	-- -	-- 21.5	.3 220* 224	131 0	131 0	1.1
10/06/72	4206 4206		8.2 364	46 2.30 59	5.5 .45 11	25 1.10 28	3.1 .08 2	0 .00 83	208 3.41 12	23 .49 12	6.8 .19 5	.0 .00 -	-- 20.1	.3 207* 233	138 0	138 0	0.9
03/06/73	4206 4206		8.1 362	44 2.24 57	5.5 .45 12	28 1.14 29	2.8 .07 2	0 .00 87	204 3.34 13	13 .28 7	7.1 .20 5	-- -	-- 23.8	.4 207* 224	135 0	135 0	1.0
06/05/73	4206 4206		8.1 372	49 2.46 61	5.5 .45 11	23 1.04 26	2.8 .07 2	0 .00 89	217 3.56 11	11 .23 8	7.4 .21 5	-- -	-- 23.3	.3 240* 230	146 0	146 0	0.9
07/03/73	4206 4206		8.2 356	44 2.22 54	5.4 .44 11	31 1.36 33	2.6 .07 2	0 .00 84	208 3.41 10	13 .23 6	14 .41 10	-- -	-- 19.8	.3 241* 231	133 0	133 0	1.2
10/03/72	4206 4206		8.6 384	15 .77 20	1.8 .15 4	67 2.95 75	2.3 .08 2	3.8 .13 3	164 2.69 66	39 .83 20	15 .43 11	.0 .00 -	-- 16.5	.5 242* 243	46 0	46 0	4.3
01/31/73	4206 4206		8.6 385	18 .81 19	1.6 .13 3	73 3.19 76	1.8 .05 1	4.7 .16 4	162 2.68 65	36 .77 19	17 .49 12	.0 .00 -	-- 18.7	.5 231* 250	47 0	47 0	4.7
08/01/73	4206 4206		8.6 377	15 .76 20	1.5 .12 3	68 2.96 76	1.8 .05 1	4.1 .14 2	164 2.69 64	30 .64 14	14 .41 10	-- -	-- 17.1	.5 245* 234	44 0	44 0	4.5
10/03/72	4206 4206		7.9 395	48 2.42 60	6.1 .50 12	24 1.04 26	3.6 .09 2	0 .00 79	203 3.33 15	30 .64 15	8.7 .25 6	.0 .00 -	-- 19.2	.4 238* 239	146 0	146 0	0.9
01/30/73	4206 4206		8.1 304	49 2.49 60	5.9 .49 12	24 1.07 26	3.2 .08 2	0 .00 83	203 3.33 11	21 .45 11	8.8 .25 6	.0 .00 -	-- 20.8	.4 226* 235	149 0	149 0	0.9
09/04/73	4206 4206	71.6F 22.0C	8.0 388	47 2.39 62	5.8 .48 12	21 .93 24	3.3 .08 2	0 .00 84	203 3.33 11	20 .42 11	8.0 .23 6	.0 .00 -	-- 19.8	.4 241* 224	143 0	143 0	0.8
06/05/73	4206 4206		8.9 337	4.5 .22 6	.2 .02 1	74 3.26 93	.7 .02 1	11 .40 1	152 2.49 15	1.6 .03 15	24 .69 15	-- -	-- 19.6	.6 219* 213	12 0	12 0	9.4
07/31/73	4206 4206		8.9 353	4.6 .23 6	.2 .02 1	80 3.40 93	.7 .07 1	10 .35 1	163 2.67 10	.2 .00 10	24 .70 10	-- -	-- 17.4	.5 246* 216	12 0	12 0	9.9
10/03/72	4206 4206		8.1 349	33 1.68 47	4.2 .35 10	34 1.48 41	2.9 .07 2	0 .00 76	174 2.85 17	30 .64 17	9.0 .25 7	.0 .00 -	-- 16.8	.4 222* 217	101 0	101 0	1.5
01/30/73	4206 4206		8.1 335	33 1.69 46	4.1 .34 9	36 1.57 43	2.6 .07 2	0 .00 80	174 2.85 13	21 .45 13	9.1 .26 7	.0 .00 -	-- 19.7	.4 199* 213	101 0	101 0	1.6
06/05/73	1101 1101		8.0 340	40 2.00 51	5.0 .41 11	33 1.44 37	2.0 .05 1	0 .00 78	179 2.93 14	25 .52 14	11 .31 8	.0 .00 -	.00 .0	.3 204	120 0	120 0	1.3
09/04/73	4206 4206	73.4F 23.0C	8.2 343	31 1.56 47	3.8 .31 9	32 1.39 42	2.5 .06 2	0 .00 81	173 2.84 12	20 .42 12	8.4 .24 7	.0 .00 -	-- 18.2	.4 220* 201	94 0	94 0	1.4
03/26/73	4206 4206		8.4 350	32 1.60 43	2.4 .20 5	42 1.83 50	2.2 .06 2	2.8 .09 2	168 2.75 12	27 .57 12	10 .29 12	-- -	-- 19.2	.3 228* 221	90 0	90 0	1.9
10/03/72	4206 4206		8.5 330	19 .98 29	1.8 .15 4	50 2.21 65	2.0 .05 1	2.8 .09 3	157 2.57 74	20 .42 12	14 .40 11	.0 .00 -	-- 16.3	.4 181* 205	56 0	56 0	2.9
03/22/73	4206 4206		8.1 394	37 1.88 47	4.3 .35 9	39 1.73 43	3.2 .08 2	0 .00 71	178 2.92 12	40 .63 20	13 .37 9	-- -	-- 20.7	.4 256* 244	112 0	112 0	1.6

TABLE E-1 (CONT.)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	CO3	SO4	CL	NO3	B	F	TD5 SUM	TH MCM	SAR		
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																				
6/12/72	U U-05 U-05.4 U-05.A5 045/12W-16J01	5			12	1.0	53	1.0	0	144	3.0	24	.0	.00	--		34			
	1101		6.1	289	.60	.08	2.31	.03	.00	2.36	.06	.68	.00			165	0	4.0		
	1101				20	3	76	1		76	2	22								
10/03/72	4206		6.7	301	.62	.09	2.27	.04	.17	2.16	.13	.67	.02	--	.5	181*	36			
	4206				21	3	75	1	5	69	4	21	1		14.4	183	0	3.8		
05/01/73	4206		6.6	302	.63	.08	2.44	.03	.15	2.20	.17	.67	--	--	.5	176*	36			
	4206				20	3	77	1							16.3	190	0	4.1		
05/23/73	1101		6.0	306	.55	.16	2.39	.03	.00	2.33	.06	.71	.00	.00	.4		35			
	1101				18	5	76	1		75	2	23			.0	167	0	4.0		
08/01/73	4206		6.6	293	.62	.08	2.45	.03	.16	2.20	.01	.65	--	--	.5	211*	36			
	4206				20	3	77	1							14.5	180	0	4.1		
10/03/72	045/12W-16R01	5			12	.9	58	1.5	5.2	148	11	18	.0	--	.5	179*	34			
	4206		6.7	317	.61	.07	2.52	.04	.17	2.43	.24	.51	.00		15.4	196	0	4.3		
	4206				19	2	78	1	5	73	7	15								
01/31/73	4206		6.6	320	.61	.07	2.64	.03	.15	2.44	.18	.55	.00	--	.5	191*	34			
	4206				18	2	79	1	5	73	5	17			17.8	199	0	4.5		
08/01/73	4206		6.7	312	.61	.07	2.71	.03	.19	2.43	.12	.48	--	--	.5	224*	35			
	4206				18	2	79	1							15.4	194	0	4.6		
10/06/72	045/12W-17E01	5			6.3	.3	79	1.1	10	183	7.2	23	.0	--	.6	217*	17			
	4206		6.9	374	.31	.02	3.47	.03	.34	3.00	.15	.66	.00		16.4	234	0	8.4		
	4206				8	1	91	1	8	72	4	16								
06/05/73	4206		6.5	378	.32	.02	3.55	.02	.22	3.08	.2	.25	--	--	.5	244*	17			
	4206				8	1	91	1							16.2	232	0	8.5		
07/03/73	4206		6.1	369	.30	.02	3.65	.02	.31	3.00	.02	.71	--	--	.5	249*	16			
	4206				8	1	91	1							17.3	234	0	9.0		
03/19/73	045/12W-17N02	5			9.6	.9	69	1.2	5.8	163	.4	21	--	--	.6	197*	28			
	4206		8.6	333	.48	.07	3.04	.03	.19	2.67	.01	.60			17.1	204	0	5.8		
	4206				13	2	84	1												
10/05/72	045/12W-17P03	5			11	1.0	63	1.5	5.8	150	6.8	23	.0	--	.5	190*	32			
	4206		8.7	325	.55	.08	2.77	.04	.19	2.46	.14	.67	.00		15.0	202	0	4.9		
	4206				16	2	81	1	5	71	4	19								
05/01/73	4206		8.7	328	.57	.09	2.65	.03	.17	2.49	.62	.24	--	--	.5	198*	32			
	4206				17	2	80	1			.13	.68			17.2	202	0	4.7		
07/03/73	4206		8.7	307	.56	.07	3.05	.03	.19	2.49	.12	.26	--	--	.5	216*	32			
	4206				15	2	82	1			.02	.75			16.2	208	0	5.4		
10/05/72	045/12W-17Q01	5			8.0	.6	66	1.3	10	156	12	21	.0	--	.6	203*	22			
	4206		8.8	340	.40	.05	2.88	.03	.34	2.56	.26	.62	.00		15.3	213	0	6.1		
	4206				12	1	86	1	9	68	7	16								
06/05/73	4206		8.7	340	.36	.04	3.07	.03	.24	2.69	.2	.23	--	--	.6	221*	20			
	4206				10	1	88	1			.00	.65			17.8	208	0	6.8		
07/31/73	4206		8.7	318	.48	.06	2.74	.03	.17	2.51	.01	.62	--	--	.6	229*	27			
	4206				15	2	83	1							15.9	193	0	5.3		
03/22/73	045/12W-20G01	5			10	.8	70	1.0	9.0	165	3.1	20	--	--	.6	205*	30			
	4206		8.7	336	.54	.07	3.05	.03	.30	2.70	.06	.59			16.8	214	0	5.6		
	4206				15	2	83	1												
03/19/73	045/12W-20J04	5			5.6	.7	107	1.2	13	243	2.7	20	--	--	.7	294*	17			
	4206		8.7	461	.28	.06	4.65	.03	.44	3.98	.06	.58			18.0	288	0	11.3		
	4206				6	1	93	1												
03/15/73	045/12W-21M05	5			14	1.1	61	1.2	9.0	133	.16	14	--	--	.5	203*	40			
	4206		6.8	308	.70	.09	2.69	.03	.30	2.18	.34	.46			16.3	204	0	4.3		
	4206				20	3	77	1												
01/30/73	045/12W-23C01	5			20	1.8	53	1.6	5.2	149	18	15	.0	--	.4	201*	58			
	4206		6.6	332	1.01	.15	2.33	.04	.17	2.44	.38	.43	.00		17.5	206	0	3.1		
	4206				29	4	66	1	5	71	11	13								
09/04/73	4206	79.7F	8.6	333	.94	.14	2.17	.04	.12	2.52	.41	.41	.00	--	.4	233*	54			
	4206	26.5C			29	4	66	1	3	73	12	12			17.5	203	0	3.0		



TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS	TH	SAR							
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA																								
10/03/72	4206 4206		6.7 363	10 .53 14	.8 .07 2	69 3.04 83	1.6 .04 1	5.0 .17 5	149 2.44 67	29 .62 17	15 .43 12	.0 .00 0	-- 14.6	.6 221	197*	30 0	5.6							
01/31/73	4206 4206		6.8 335	9.3 .46 13	.5 .04 1	70 3.05 85	1.1 .03 1	10 .34 9	134 2.20 61	30 .64 18	14 .39 11	1.0 .02 1	-- 16.5	.6 219	198*	25 0	6.1							
06/05/73	1101 1101		8.1 355	10 .50 13	2.0 .16 4	74 3.22 82	1.0 .03 1	0 .00 1	161 2.64 70	32 .67 18	16 .45 12	.0 .00 0	.00 .3	.3 214		33 0	5.6							
08/01/73	4206 4206		8.7 350	10 .52 15	.8 .07 2	63 2.74 82	1.3 .03 1	5.6 .19 1	149 2.44 70	24 .52 17	13 .38 10	-- 0	-- 14.9	.6 252*	208	29 0	5.1	E						
10/03/72	4206 4206		8.5 383	18 .93 25	1.9 .16 4	59 2.58 69	2.2 .06 2	3.2 .11 3	161 2.64 70	30 .63 17	13 .39 10	.0 .00 0	-- 15.0	.5 214*	224	54 0	3.5							
01/31/73	4206 4206		8.5 365	19 .97 25	1.9 .16 4	61 2.67 70	1.7 .04 1	3.6 .12 3	160 2.62 69	30 .64 17	14 .40 11	.0 .00 0	-- 18.2	.5 213*	230	57 0	3.6							
06/05/73	1101 1101		8.1 365	18 .90 22	4.0 .33 8	64 2.78 69	1.0 .03 1	0 .00 1	166 2.72 70	34 .71 18	16 .45 12	.0 .00 0	.00 .0	.5 219		61 0	3.6							
09/05/73	4206 4206		8.6 365	18 .92 25	1.8 .15 4	58 2.54 70	1.6 .04 1	4.9 .16 4	158 2.59 69	29 .62 17	13 .37 10	.0 .00 0	-- 17.9	.5 209*	224	53 0	3.5							
06/06/73	1101 1101		8.2 353	2.0 .10 3	1.0 .08 2	83 3.61 95	.0 .00 0	0 .00 0	190 3.11 88	.0 .00 12	15 .42 12	.0 .00 0	.00 .1	.4 195		9 0	12.0	S						
05/15/73	1101 1005	70 F 21 C	7.9 490	46 2.30 45	8.0 .66 13	49 2.13 41	2.0 .05 1	0 .00 1	225 3.69 73	48 1.00 20	13 .37 7	.0 .00 0	.00 .2	.5 277		147 0	1.8							
03/15/73	4206 4206		8.9 362	4.7 .23 6	.5 .04 1	81 3.55 92	.8 .02 1	11 .38 1	181 2.97 05	2.3 .05 05	19 .55 14	-- 0	-- 20.1	.6 227*	230	14 0	9.6							
03/14/73	4206 4206		8.8 396	5.3 .26 6	.4 .03 1	89 3.87 93	.9 .02 1	12 .40 1	202 3.31 02	1.0 .02 02	18 .53 14	-- 0	-- 20.3	.7 236*	247	15 0	10.0							
03/12/73	4206 4206		8.9 360	4.6 .23 6	.3 .02 1	81 3.56 93	.8 .02 1	11 .39 1	178 2.92 05	2.5 .05 05	17 .49 14	-- 0	-- 19.9	.7 227*	227	13 0	10.0							
05/22/73	1101 1101		8.1 388	11 .55 14	2.0 .16 4	74 3.22 81	1.0 .03 1	0 .00 1	202 3.31 79	13 .27 6	21 .59 14	.0 .00 0	.00 .1	.5 221		35 0	5.4	S						
06/05/73	1101 1101		7.8 480	23 1.15 23	2.0 .16 3	82 3.57 73	1.0 .03 1	0 .00 1	239 3.92 77	6.0 .12 2	36 1.02 20	.0 .00 0	.00 .0	.4 268		65 0	4.4							
SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA																								
10/17/72	1101 1101	70 F 21 C	7.4 605	58 2.89 46	16 1.32 21	47 2.04 32	2.0 .05 1	0 .00 1	242 3.97 64	53 1.10 18	32 .90 14	17.6 .28 4	.00 --	-- 345		210 12	1.4							
10/16/72	1101 1101		7.1 745	67 3.34 53	20 1.64 26	28 1.22 20	2.0 .05 1	0 .00 1	218 3.57 57	57 1.19 19	36 1.02 16	28.2 .45 7	.00 --	-- 5		249 71	0.8							
11/30/72	1200 1200		7.3 1000	112 5.59 49	42 3.45 30	51 2.22 20	2.3 .06 1	-- 5.80 54	354 2.52 23	121 2.34 22	83 2.34 22	9.3 .15 1	.21 27.0	.4 27.0		452 0	1.0							
11/30/72	1200 1200		7.6 660	64 3.19 47	25 2.04 30	36 1.57 30	1.6 .04 1	-- 4.20 64	256 1.19 18	57 1.10 17	39 1.10 17	2.1 .03 0	.18 28.0	.5 28.0		264 0	1.0							
10/17/72	1101 1101		7.5 600	73 3.64 58	17 1.40 22	25 1.09 17	4.0 .10 2	0 .00 1	212 3.47 55	70 1.46 23	41 1.16 18	14.0 .23 0	.20 --	-- 348		252 79	0.7							
10/05/72	1200 1200	68.9F 7.8 20.5C 7.9	454	54 2.69 57	11 .90 19	24 1.04 22	2.3 .06 1	-- 3.36 71	205 .98 21	47 .31 7	11 .11 2	6.9 .11 0	-- 21.0	.4 21.0		180 0	0.8							

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	0	F	TDS	TH	SAR				
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA																						
10/05/72	1200 1200	61.7F 16.5C	7.6		64	13	19	1.9	--	210	41	20	23.0	--	.4		212		0.6			
				506	3.19	1.07	.63	.05		3.44	.85	.56	.37		22.0							
					62	21	16	1		66	16	11	7									
06/06/73	5050 0920	59.0F 15.0C	8.2	496	2.99	1.07	.83	.07	.00	206	40	19	22.0	.16	.4	304	203		0.6			
				60	2.99	1.07	.83	.07		3.38	.83	.54	.35		277	34						
					60	22	17	1		66	16	11	7									
10/16/72	1101 1101				80	21	29	4.0	0	278	55	25	31.7	.00	--		286		0.7			
			7.5	781	3.99	1.73	1.26	.10	.00	4.56	1.15	.71	.51		--	382	58					
					56	24	18	1		66	17	10	7									
06/06/73	5050 1030	65.0F 18.3C	8.1	482	1.75	1.48	1.26	.10	.00	166	54	17	12.0	.21	.6	273	140		1.0			
				35	1.75	1.48	1.26	.10		2.72	1.12	.46	.19		--	251	26					
					38	32	27	2		60	25	11	4									
10/16/72	1101 1101				55	12	32	4.0	0	215	54	14	1.5	.00	--		186		1.0			
			7.9	642	2.74	.99	1.39	.10	.00	3.52	1.12	.39	.02		--	278	11					
					52	19	27	2		70	22	8										
10/25/72	1101 1440	69 F 21 C	7.7	480	2.74	.82	1.44	.10	.00	222	53	18	2.0	.00	--		178		1.1			
				55	2.74	.82	1.44	.10		3.64	1.10	.51	.05		--	285	0					
					54	16	28	2		69	21	10	1									
10/16/72	1101 1101				54	15	34	3.0	0	225	47	18	7.9	.00	--		196		1.1			
			7.9	690	2.69	1.23	1.48	.08	.00	3.69	.98	.51	.13		--	290	12					
					49	22	27	1		69	18	10	2									
10/05/72	1200 1200	70 F 21 C	7.6	754	4.49	1.56	2.04	.08	--	218	179	22	11.0	--	.4		302		1.2			
				90	4.49	1.56	2.04	.08		3.57	3.73	.82	.10		24.0							
					55	19	25	1		44	46	8	2									
10/17/72	1101 1101				115	35	70	4.0	0	253	279	57	10.0	.00	--		431		1.5			
			7.6	1050	5.74	2.88	3.05	.10	.00	4.15	5.81	1.61	.16		--	694	224					
					49	24	26	1		35	50	14	1									
10/20/72	1200 1200	70 F 21 C	7.4	1040	5.09	2.22	3.48	.12	--	234	236	78	8.8	--	.4		366		1.8			
				102	5.09	2.22	3.48	.12		3.84	4.91	2.20	.14		21.0							
					47	20	32	1		35	44	20	1									
10/17/72	1101 1101				182	51	160	5.0	0	472	510	70	14.8	.00	--		644		2.7			
			7.3	1870	9.08	4.19	6.96	.13	.00	7.74	10.62	1.97	.24		--	1225	277					
					45	21	34	1		38	52	10	1									
10/05/72	1200 1200	70 F 21 C	7.6	940	5.04	2.47	2.87	.05	--	259	234	24	22.0	--	.4		376		1.5			
				101	5.04	2.47	2.87	.05		4.25	4.87	.68	.35		23.0							
					48	24	28			42	48	7	3									
10/05/72	1200 1200	77 F 25 C	7.6	1440	8.18	3.37	4.87	.07	--	222	568	40	18.0	--	.3		580		2.0			
				164	8.18	3.37	4.87	.07		3.64	11.83	1.13	.29		22.0							
					50	20	30			22	70	7	2									
10/17/72	1101 1101				211	58	72	2.0	0	611	228	116	49.6	.00	--		745		1.1			
			7.1	1590	10.53	4.77	3.13	.05	.00	10.01	4.75	3.27	.80		--	1037	245					
					57	26	17			53	25	17	4									
10/26/72	1200 1200	70.7F 21.5C	7.5	1070	11.78	5.51	5.05	.05	--	342	687	85	32.0	--	.4		845		1.7			
				236	11.78	5.51	5.05	.05		5.61	14.30	2.40	.52		33.0							
					53	25	23			25	63	11	2									
09/26/73	1101 1101				176	49	105	2.0	0	323	490	66	22.0	--	.4		641		1.8			
			7.2	1520	8.78	4.03	4.57	.05	.00	5.29	10.20	1.86	.35		--	1069	376					
					50	23	26			30	58	11	2									
10/11/72	1101 1330	63 F 17 C	8.3	1780	8.0	4.0	4.18	2.0	0	750	285	39	.0	.00	--		36		30.1			
				.40	8.0	4.0	4.18	2.0	.00	12.29	5.93	1.10	.00		--	1125	0					
					2	.33	18.18	.05		64	31	6										
10/17/72	1101 1101				83	21	33	4.0	0	313	97	14	7.2	.00	--		293		0.8			
			7.2	623	4.14	1.73	1.44	.10	.00	5.13	2.02	.39	.12		--	413	37					
					56	23	19	1		67	26	5	2									
10/17/72	1101 1101				118	23	129	2.0	0	321	109	199	.0	.60	--		389		2.8			
			7.2	1390	5.89	1.89	5.61	.05	.00	5.26	2.27	5.81	.00		--	738	126					
					44	14	42			40	17	43										
11/09/72	1101 1101	60 F 16 C	7.6	1660	12.33	5.76	5.22	.15	.00	578	579	72	3.0	1.80	--		904		1.7			
				247	12.33	5.76	5.22	.15	.00	9.47	12.05	2.03	.05		--	1383	431					
					53	25	22	1		40	51	9										





TABLE F-1 (CONT.)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL ANALYSES OF GROUND WATER										MILLIGRAMS PER LITER				REM					
				MINERAL CONSTITUENTS IN										MILLIEQUIVALENTS PER LITER									
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	TD5	TH	5102	5102	TD5		TH	5102	5102		
				LOS ANGELES ORAINAGE PROVINCE																			
				LA-SAN GABRIEL RIVER HYDRO UNIT																			
				SAN FERNANDO HYDRO SUBUNIT																			
				TUJUNGA HYDRO SUBAREA																			
10/30/72	1200			68.9F	7.1			43	16	23	2.7	--	1.82	.15	10	41.0	--	.3		172			
	1200			20.5C	7.0	455	2.15	1.32	1.00	.07	2.90	.31	.51	.66			36.0						0.8
				03N/14W-29J02 5																			
10/16/72	1101			70 F				78	33	40	9.0	0	363	100	19	5.9	.00	--		330			
	1101			21 C	8.1	755	3.89	2.71	1.74	.23	.00	5.95	2.08	.54	.10		--	--	463	33	1.0		
				03N/14W-31A02 5																			
10/25/72	1101			72 F				25	3.0	34	1.0	0	138	5.0	10	5.3	.00	--		74			
	1545			22 C	7.9	285	1.25	.25	1.48	.03	.00	2.26	.10	.51	.09		--	--	159	0	1.7		
				03N/14W-32M01 5																			
10/16/72	1101			72 F				62	15	37	4.0	0	239	40	25	33.8	.00	--		216			
	1101			22 C	7.1	577	3.09	1.23	1.61	.10	.00	3.92	.83	.71	.55		--	--	334	20	1.1		
				03N/14W-33K01 5																			
10/16/72	1101			67 F				162	57	100	7.0	0	375	466	36	1.7	.00	--		439			
	1101			19 C	7.1	1460	8.08	4.69	4.35	.18	.00	6.15	10.12	1.02	.03		--	--	1034	331	1.7		
				03N/14W-33K02 5																			
10/16/72	1101			68 F				119	35	79	5.0	0	323	287	29	4.9	.00	--		441			
	1101			20 C	7.6	1080	5.94	2.88	3.44	.13	.00	5.29	5.98	.82	.08		--	--	716	177	1.6		
				U-05.84 VERUGO HYDRO SUBAREA																			
10/16/72	1101							60	29	31	3.0	0	177	81	57	75.2	.00	--		319			
	1101				6.7	686	3.99	2.38	1.35	.08	.00	2.90	1.69	1.61	1.21		--	--	443	174	0.8		
				02N/13W-22001 5																			
10/16/72	1101			67 F				69	24	29	3.0	0	189	43	58	57.8	.00	--		271			
	1101			19 C	6.7	684	3.44	1.97	1.26	.08	.00	3.10	.90	1.64	.93		--	--	377	116	0.8		
				02N/13W-28N01 5																			
10/16/72	1101			70 F				83	33	40	4.0	0	173	104	75	80.0	.00	--		343			
	1101			21 C	6.6	862	4.14	2.71	1.74	.10	.00	2.84	2.17	2.12	1.29		--	--	504	201	0.9		
				02N/13W-29F01 5																			
10/15/72	1101			71 F				55	20	45	3.0	0	163	62	48	61.0	.00	--		219			
	1101			22 C	6.9	650	2.74	1.64	1.96	.08	.00	2.67	1.29	1.35	.98		--	--	374	86	1.3		
				02N/13W-33G01 5																			
10/16/72	1101			69 F				65	26	31	4.0	0	164	55	54	73.2	.00	--		269			
	1101			21 C	6.7	496	3.24	2.14	1.35	.10	.00	2.69	1.15	1.52	1.18		--	--	389	135	0.8		
				02N/13W-33R01 5																			
10/16/72	1101			68 F				56	19	27	3.0	0	167	28	42	53.4	.00	--		218			
	1101			20 C	7.1	568	2.79	1.56	1.17	.08	.00	2.74	.58	1.18	.86		--	--	311	81	0.8		
				U-05.85 EAGLE ROCK HYDRO SUBAREA																			
10/16/72	1101							72	34	50	1.0	0	252	100	60	29.0	.00	--		319			
	1101				7.1	992	3.59	2.80	2.18	.03	.00	4.13	2.08	1.69	.47		--	--	470	113	1.2		
				U-05.C RAYMOND HYDRO SUBUNIT																			
				PASADENA HYDRO SUBAREA																			
08/29/73	1101							62	12	17	2.0	0	212	24	18	25.5	.00	1.7		204			
	1101				7.2	479	3.09	.99	.74	.05	.00	3.47	.50	.51	.41			.0	265	31	0.5		
				01N/11W-07N02 5																			
08/29/73	1101							41	12	21	2.0	0	176	12	17	24.8	.00	1.8		151			
	1101				7.6	386	2.05	.99	.91	.05	.00	2.88	.25	.48	.40			.0	214	8	0.7		
				01N/11W-30004 5																			
04/30/73	3210			66 F				39	8.6	24	--	0	168	17	18	7.8	--	1.2		242		128	
	3210			19 C	7.8			1.96	.71	1.04		.00	2.75	.36	.51	.13			24.7	222	0	0.9	
				08/22/73 1101																			
	1400			71 F				39	9.0	25	10	0	173	20	16	10.9	.00	.9		134			
	1101			22 C	7.9	366	1.95	.74	1.09	.26	.00	2.84	.42	.45	.18			.0	215	0	0.9		
				01N/11W-30M01 5																			
08/20/73	1101			70 F				52	13	21	2.0	0	205	25	18	17.0	.00	1.0		183			
	1115			21 C	7.6	444	2.59	1.07	.91	.05	.00	3.36	.52	.51	.27			.0	249	15	0.7		
				01N/12W-13E03 5																			
08/22/73	1101			85 F				38	12	20	2.0	0	173	19	16	10.3	.00	1.2		144			
	0845			29 C	7.3	360	1.90	.99	.87	.05	.00	2.84	.40	.45	.17			.2	203	3	0.7		

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER										MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	F	TO5	TM	SAR			
																		8	5102	
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT RAYMONO HYDRO SUBUNIT PASADENA HYDRO SUBAREA																				
04/30/73	3210 3210				7.4	58	17	28	--	0	190	50	32	25.3	--	.8	420	234	0.9	T
						2.90	1.44	1.25		.00	3.11	1.04	.90	.41		29.0	334	62		
						52	26	22			57	19	16	8						
08/22/73	1101 1300		74 23	F C	7.0	701	73 49	23 25	43 25	3.0 1	0 0.00	235 3.85	97 2.02	43 1.21	21.2 .34	.00	.7 .7	419	276 84	1.1
08/22/73	1101 1315		80 27	F C	7.0	327	27 1.35	8.0 .66	27 1.17	2.0 .05	0 2	106 1.74	25 .52	20 .56	28.7 .46	.00	1.0 .0	190	100 14	1.2
08/20/73	1101 1200		70 21	F C	7.4	752	87 4.34	27 2.22	27 1.17	3.0 .08	0 .00	222 3.64	92 1.92	61 1.72	36.5 .59	.00	.6 .0	443	328 146	0.6
08/22/73	1101 0920		77 25	F C	7.5	359	30 1.50	12 .99	25 1.09	1.0 .03	0 .00	138 2.26	9.0 .19	24 .68	34.9 .56	.00	.7 .1	204	124 12	1.0
09/00/73	5050 5050				8.1	595	62 3.09	21 1.73	32 1.39	2.5 .06	0 .00	200 3.28	67 1.39	35 .99	31.8 .51	.16	.7 --	363 350	241 77	0.9
09/06/73	5050 5050				7.8	340	25 1.25	11 .90	26 1.13	1.3 .03	0 .00	126 2.07	20 .42	13 .37	25.8 .42	.11	.8 --	197 184	108 4	1.1
MONK HILL HYDRO SUBAREA																				
04/30/73	3210 3210				7.0		56 2.03	18 1.48	14 .64	--	0 .00	227 3.72	22 .47	18 .51	18.4 .30	--	.4 32.3	332 292	216 30	0.4
04/30/73	3210 3210				7.5		49 2.48	14 1.20	36 1.60	--	0 .00	255 4.18	20 .42	14 .41	9.0 .15	--	.7 26.5	316 296	184 0	1.2
04/30/73	3210 3210				7.5		44 2.24	14 1.16	19 .84	--	0 .00	192 3.15	20 .42	14 .42	15.4 .25	--	.8 27.3	294 250	170 13	0.6
08/22/73	1101 1101				7.6	782	37 1.85	16 1.32	105 4.57	3.0 .08	0 .00	148 2.43	150 3.12	66 1.86	26.7 .43	.00	.7 .1	477	158 37	3.6
SANTA ANITA HYDRO SUBAREA																				
06/05/73	5050 1430		82.0F 27.8C		7.7	365	32 1.60	10 .82	26 1.13	1.5 .04	0 .00	148 2.43	27 .56	13 .37	15.0 .24	.13	.9 --	165 197	121 0	1.0
SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA																				
08/09/73	1101 0915		15 24	F C	7.1	774	112 5.59	21 1.73	26 1.13	2.0 .05	0 .00	358 5.87	100 2.08	21 .59	12.9 .21	.00	.4 .0	471	386 73	0.6
08/09/73	1101 1055		80 27	F C	7.7	729	90 4.49	24 1.97	26 1.13	4.0 .10	0 1	233 3.82	58 1.21	35 .99	117 1.90	.00	.3 .0	469	323 132	0.6
08/09/73	1101 0835				7.4	631	81 4.04	22 1.81	20 .87	3.0 .08	0 .00	226 3.70	69 1.44	20 .56	67.8 1.09	.00	.4 .0	394	292 108	0.5
09/19/73	1101 1230		73 23	F C	8.0	328	43 2.15	11 .90	9.0 .39	3.0 .08	0 .00	179 2.93	27 .56	6.0 .17	.0 .00	.00	.2 .0	187	152 6	0.3
07/10/73	5136 0100		89.0F 31.6C		6.6 7.9	840	130 6.49	34 2.80	20 .87	5.3 .14	0 1	558 9.15	29 .60	23 .65	2.0 .03	.06	.1 --	503 518	464 7	0.4
07/10/73	5136 0100				6.9 7.4	361	--	--	--	--	--	--	--	--	--	--	--	184	155	
08/14/73	1101 1400		69 21	F C	8.1	446	59 2.94	15 1.23	11 .48	4.0 .10	0 2	209 3.43	42 .87	18 .51	5.9 .10	.00	.4 .0	258	209 37	0.3

TABLE E-1 (CONT)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL ANALYSES OF GROUND WATER											MILLIGRAMS PER LITER			REN
				MINERAL CONSTITUENTS IN				MILLIEQUIVALENTS PER LITER				PERCENT REACTANCE VALUE						
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	0	F	TDS	IM		
				LOS ANGELES DRAINAGE PROVINCE														
				LA-SAN GABRIEL RIVER HYDRO UNIT														
				SAN GABRIEL VALLEY HYDRO SUBUNIT														
				MAIN SAN GABRIEL HYDRO SUBAREA														
08/16/73	1101	66	F		67	14	15	4.0	0	229	37	17	25.0	.00	.9		224	
1330	1101	19	C	7.0	490	3.34	1.15	.65	.10	.00	3.75	.77	.40	.42	.0	292	37	0.4
					64	22	12	2			69	14	9	6				
07/09/73	5136															510	456	
	5050			6.7	895													
				7.5														
07/09/73	5050	80.0F	F	7.0	645	4.64	1.40	.70	.09	.00	4.02	.87	.51	.59	.10	.2	401	302
		26.6C	C	7.0		68	20	10	1		71	13	6	9		371	41	0.4
08/16/73	1101	70	F			34	7.0	30	1.0	0	190	10	11	.0	.00	.9		113
1510	1101	21	C	7.9	331	1.70	.58	1.31	.03	.00	3.11	.21	.31	.00	.0	104	0	1.2
						47	16	36	1		66	6	9					
08/09/73	1101	96	F			68	22	62	2.0	0	211	65	30	115	.00	.9		260
1110	1101	36	C	7.6	762	3.39	1.81	2.70	.05	.00	3.46	1.77	1.07	1.05	.0	496	87	1.7
						43	23	34	1		42	22	13	23				
09/00/73	5050					83	35	31	2.9	0	225	104	39	85.0	.00	.6	504	350
	5050			8.2	801	4.14	2.88	1.35	.07	.00	3.69	2.17	1.10	1.37	--	491	167	0.7
						49	34	16	1		44	26	13	16				
09/19/73	1101	69	F			97	33	44	3.0	0	227	97	46	170	.00	.6		378
1135	1101	21	C	7.3	904	4.84	2.71	1.91	.08	.00	3.72	2.02	1.30	2.74	.0	602	192	1.0
						51	28	20	1		30	21	13	28				
09/10/73	5050					91	35	28	3.1	0	232	96	40	103	.10	.7	509	373
	5050			8.2	837	4.54	2.88	1.22	.08	.00	3.80	2.00	1.13	1.64	--	510	181	0.6
						52	33	14	1		44	23	13	19				
09/00/73	5050					41	9.7	16	1.6	0	139	31	7.4	25.0	.10	.7	209	142
	5050			7.8	358	2.05	.80	.70	.04	.00	2.28	.65	.21	.40	--	200	29	0.6
						57	22	19	1		64	16	6	11				
09/05/73	5050					80	31	28	3.2	0	232	82	32	78.0	.01	.8	461	326
	5050			8.2	750	3.99	2.55	1.22	.08	.00	3.80	1.71	.90	1.26	--	468	137	0.7
						51	33	16	1		50	22	12	16				
08/01/73	1101	88	F			104	17	25	2.0	0	272	66	29	60.0	.00	.3		329
1555	1101	31	C	7.9	725	5.19	1.40	1.09	.05	.00	4.46	1.79	.82	.97	.0	457	107	0.6
						67	18	14	1		55	22	10	12				
07/09/73	5136															404	304	
	0900			7.1	707													
				7.6														
07/09/73	5136															260	191	
	5050			6.6	453													
				7.2														
07/09/73	5136															391	290	
	5050			6.7	643													
				7.7														
06/05/73	5050	57.0F	F			36	9.2	8.0	2.8	0	139	21	6.7	7.0	.00	.3	147	129
1100	5050	13.9C	C	7.4	294	1.80	.76	.35	.07	.00	2.28	.44	.19	.11	--	159	14	0.3
						60	26	12	2		75	15	6	4				
07/09/73	5136															309	239	
	5050			6.9	535													
				7.7														
08/14/73	1101	67	F			71	15	18	4.0	0	249	52	15	17.0	.00	.4		239
1345	1101	19	C	8.0	523	3.54	1.23	.78	.10	.00	4.08	1.08	.42	.27	.0	314	35	0.5
						63	22	14	2		70	18	7	5				
08/16/73	1101	72	F			73	20	19	3.8	0	244	49	20	45.1	.00	.3		244
1245	1101	22	C	7.8	590	3.64	1.64	.83	.08	.00	4.00	1.02	.56	.73	.0	349	64	0.5
						59	26	13	1		63	16	9	12				
06/27/73	1101	69	F			80	14	17	4.0	0	240	44	22	36.3	.00	.3		257
0830	1101	21	C	7.4	575	3.99	1.15	.74	.10	.00	3.93	.92	.62	.59	.2	336	61	0.5
						67	19	12	2		65	15	10	10				
08/20/73	1101					13	15	33	3.0	0	134	23	31	.0	.15	.4		94
	1101			8.2	326	.65	1.23	1.44	.08	.00	2.20	.48	.87	.00	.3	184	0	1.5
						19	36	42	2		62	14	25					



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REM
				CA	MG	NA	K	CO3	MCO3	SO4	CL	NO3	S	F	TOS	TH	SAR					
																		PERCENT	REACTANCE	VALUE	PERCENT	
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA																						
06/05/73	5050	5	76.0F 24.4C	7.9	614	52	19	48	2.0	0	187	108	29	13.0	.02	.6	314	208	1.4			
1000	5050					41	25	33	1		3.06	2.25	.82	.21		--	363	55				
08/20/73	1101	5	88 19	F C	7.7	646	83	25	19	2.0	0	304	.45	25	32.2	.00	.4	381	310	0.5		
1040	1101					58	29	12	1		4.98	.94	.71	.52				61				
07/09/73	5136	5	88 31	F C	7.1 7.9	436	55	14	13	1.4	0	206	28	9.0	15.1	.03	.3	238	195	0.4		
5050						61	26	13	1		3.38	.58	.25	.24		--	237	26				
08/20/73	1101	5	67 19	F C	8.3	421	54	14	13	2.0	0	209	24	15	16.1	.00	.5	241	192	0.4		
1130	1101					60	26	13	1		3.43	.50	.42	.26				21				
06/05/73	5050	5	70.0F 21.1C	8.1	419	55	12	13	2.5	0	195	.37	10	12.0	.03	.3	169	186	0.4	1		
1230	5050					63	23	13	1		3.20	.77	.28	.19		--	237	27				
07/09/73	5050	5	74.0F 23.3C	6.5 7.7	1104	145	38	50	4.8	0	589	71	52	6.0	.18	.1	682	518	1.0			
1000						57	25	17	1		9.65	1.48	1.47	.10		--	657	36				
08/16/73	1101	5	72 22	F C	8.1	453	49	11	30	2.0	0	183	.37	22	24.3	.00	1.0	265	167	1.0		
1520	1101					52	19	28	1		3.00	.77	.62	.39				18				
08/16/73	1101	5	80 27	F C	7.9	529	65	18	19	2.0	0	249	25	19	35.6	.00	.5	306	236	0.5		
1400	1101					58	26	15	1		4.08	.52	.54	.57				32				
07/10/73	5136	5	7.0 7.4			487	--	--	--	--	--	--	--	--	--	--	--	264	220			
1130	5050																					
08/16/73	1101	5	65 18	F C	7.9	479	62	16	16	2.0	0	253	20	14	19.2	.00	.3	274	220	0.5		
1450	1101					60	13	26	1		4.15	.42	.39	.31				13				
07/10/73	5136	5	6.8 7.4			421	--	--	--	--	--	--	--	--	--	--	--	226	186			
1130	5050																					
08/14/73	1101	5	75 24	F C	7.5	319	40	12	9.0	2.0	0	177	16	9.0	.0	.00	.2	175	149	0.3		
1330	1101					58	29	11	1		2.90	.33	.25	.00				5				
06/05/73	5050	5	64.0F 17.8C	7.9	489	59	16	20	3.8	0	272	.19	12	2.7	.04	.3	170	211	0.6	E		
1315	5050					56	25	17	2		4.46	.40	.34	.04		--	266	0		T		
06/05/73	5050	5	62.0F 16.7C	7.9	296	40	7.8	7.8	2.4	0	132	28	6.7	6.6	.00	.3	99	131	0.3	E		
1200	5050					66	21	11	2		2.16	.58	.19	.11		--	144	24		T		
08/20/73	1101	5	65 18	F C	7.9	417	57	13	18	3.0	0	227	.22	11	8.0	.00	.3	236	195	0.3		
0930	1101					64	24	10	2		3.72	.46	.31	.13				10				
08/14/73	1101	5	62 17	F C	8.1	318	43	10	9.0	3.0	0	173	19	8.0	6.0	.00	.3	183	148	0.3		
1300	1101					63	24	11	2		2.84	.40	.23	.10				7				
08/14/73	1101	5	65 18	F C	7.9	469	63	14	14	2.0	0	226	.30	17	16.1	.00	.3	267	214	0.4		
1235	1101					63	23	12	1		3.70	.62	.48	.26				30				
08/14/73	1101	5	65 18	F C	7.9	568	73	18	18	4.0	0	267	.38	22	25.2	.00	.3	329	256	0.5		
1245	1101					61	25	13	2		4.38	.79	.62	.41				37				
09/13/73	5050	5	7.9			435	49	15	12	3.4	0	142	.39	36	7.8	.04	.4	250	184	0.4		
5050						57	29	12	2		2.33	.81	1.02	.13		--	232	68				
06/05/73	5050	5	68.0F 20.0C	8.1	377	38	12	22	1.2	0	192	.17	11	8.3	.12	.9	150	147	0.8	T		
1400	5050					49	26	25	1		3.15	.35	.31	.13		--	206	0				

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM																
					CA	MG	NA	K	CO3	PERCENT REACTANCE VALUE		B	F	TDS	TH	SAR																						
										CO3	SO4						CL	NO3	SIO2	SUM	NCH																	
U U-05 U-05.D U-05.D1 015/11W-24007																				S	66.0F 18.9C	7.9	504	2.84 57	1.15 23	.91 18	4.2 2	0	167 54	56 23	29 16	21.0 7	.05	.4 --	237 284	200 63	0.6	
015/11W-25001																				S	81 F 27 C	7.8	894	118 5.89 60	29 2.38 24	32 1.39 14	4.0 .10 1	0	381 6.24 64	80 1.67 17	40 1.13 12	42.2 .68 7	.00	.4 0	533	414 102	0.7	
015/11W-26F02																				S	69 F 21 C	7.9	602	74 3.69 59	16 1.32 21	27 1.17 19	4.0 .10 2	0	235 3.85 64	77 1.60 27	11 .31 5	16.0 .26 4	.00	.3 0	341	250 58	0.7	
015/11W-30F01																				S	69 F 21 C	7.8	321	26 1.30 38	6.0 .49 14	37 1.61 47	1.0 .03 1	0	173 2.84 82	16 .33 10	10 .28 8	.0 .00 0	.00	.8 0	181	89 0	1.7	
015/11W-33N07																				S	64.0F 17.8C	8.2	1044	135 6.74 60	27 2.22 20	50 2.18 19	5.5 .14 1	0	287 4.70 42	202 4.21 37	79 2.23 20	9.8 .16 1	.13	.4 --	513 650	448 213	1.0	T
015/11W-34F01																				S	72 F 22 C	8.1	339	41 2.05 57	6.0 .49 14	22 .96 27	3.0 .08 2	0	184 3.02 80	22 .46 12	10 .28 7	.0 .00 0	.00	.4 0	194	127 0	0.8	
015/12W-10E01																				S	72.0F 22.2C	7.7	668	55 2.74 43	22 1.81 28	41 1.78 28	2.3 .06 1	0	204 3.34 52	45 .94 15	42 1.18 18	62.0 1.00 15	.07	.4 --	365 370	227 61	1.2	
015/12W-13B01																				S	68 F 20 C	8.0	410	39 1.95 47	14 1.15 28	23 1.00 24	1.0 .03 1	0	177 2.90 67	14 .29 7	20 .56 13	36.8 .59 14	.00	.8 .1	235	155 10	0.8	
015/12W-22P01																				S	68 F 20 C	7.5	354	32 1.60 43	10 .82 22	29 1.26 34	2.0 .05 1	0	181 2.97 78	18 .37 10	13 .37 10	5.1 .08 2	.00	.7 0	198	121 0	1.1	
015/12W-24E04																				S	80 F 27 C	7.9	411	39 1.95 46	12 .99 24	28 1.22 29	2.0 .05 1	0	184 3.02 70	11 .23 5	25 .71 16	23.3 .38 9	.00	.6 0	231	146 0	1.0	
015/12W-25A02																				S	67 F 19 C	7.5	407	44 2.20 50	11 .90 21	28 1.22 28	2.0 .05 1	0	194 3.18 71	32 .67 15	19 .54 12	6.0 .10 2	.00	.6 0	237	155 0	1.0	
025/09W-17C01																				S	68 F 20 C	8.0	1560	192 9.58 54	55 4.52 25	85 3.70 21	1.0 .03 0	0	446 7.31 41	321 6.68 37	114 3.21 18	52.2 .84 5	.00	.7 0	1039	705 340	1.4	
025/09W-17004																				S	72 F 22 C	7.7	1520	188 9.38 54	56 4.61 26	79 3.44 20	2.0 .05 0	0	425 6.97 40	325 6.77 39	106 2.99 17	40.8 .66 4	.00	.5 0	1004	699 351	1.3	
025/09W-18F02																				S	66 F 19 C	7.4	1540	198 9.88 54	56 4.61 25	84 3.65 20	3.0 .08 0	0	458 7.51 41	332 6.91 30	114 3.21 18	33.0 .53 3	.00	.7 .1	1045	724 349	1.4	
025/09W-18N01																				S	71 F 22 C	8.1	1350	28 1.40 10	14 1.15 8	278 12.09 82	2.0 .05 0	0	570 9.34 63	144 3.00 20	80 2.26 15	9.0 .15 1	.00	.9 1.4	837	127 0	10.7	
025/09W-19J02																				S	76 F 24 C	8.1	1210	29 1.45 12	15 1.23 10	214 9.31 77	5.0 .13 1	0	145 2.38 20	311 6.48 54	108 3.05 26	.0 .00 0	.00	.9 0	753	134 15	8.0	
025/10W-08E02																				S		8.1	1440	143 7.14 43	56 4.61 28	108 4.70 28	2.0 .05 0	0	382 6.26 39	245 5.10 32	137 3.86 24	47.2 .76 5	.00	.6 0	924	587 275	1.9	
025/10W-13H02																				S	65 F 18 C	7.4	1510	181 9.03 52	50 4.11 24	95 4.13 24	3.0 .08 0	0	423 6.93 40	300 6.25 36	116 3.27 19	43.0 .69 4	.00	.7 0	996	657 311	1.6	
025/11W-04N01																				S	70 F 21 C	7.4	1010	124 6.19 57	23 1.89 17	62 2.70 25	4.0 .10 1	0	331 5.43 49	163 3.39 31	78 1.97 18	18.9 .30 3	.00	.3 0	628	404 133	1.3	
025/11W-05G01																				S	66 F 19 C	8.0	412	57 2.84 64	9.0 .74 17	17 .74 2	4.0 .10 2	0	192 3.15 69	.43 .90 20	17 .48 11	2.0 .03 1	.00	-- 0	243	179 22	0.6	
05/08/73																				1101	65 F 18 C	7.9	426	57 2.84 63	10 .82 18	18 .78 17	3.0 .08 2	0	194 3.18 68	44 .92 20	19 .54 12	2.2 .04 1	.00	.3 0	249	183 24	0.6	

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PM EC	MINERAL CONSTITUENTS IN							MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				
				CA	MG	NA	K	CO3	MCO3	SO4	CL	NO3	H	F	TOS SIO2	TH SUM	TM MCM	SA	
																			CO3
U U-05 U-05.0 U-05.01 025/11W-05G01																			
LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT SAN GABRIEL VALLEY HYDRO SUBUNIT MAIN SAN GABRIEL HYDRO SUBAREA																			
06/11/73	1101	65	F		58	9.0	17	3.0	0	190	41	10	2.4	.00	--	141			
0930	1101	18	C	7.9	420	2.89	.74	.74	.08	.00	3.11	.85	.51	.04	.0	242	24	0.5	
CONTINUED 65 17 17 2 69 19 11 1																			
025/11W-05G04																			
10/11/72	1101	65	F		62	10	16	3.0	0	191	40	15	3.0	--	--	195			
0830	1101	18	C	7.9	418	3.09	.82	.70	.08	.00	3.13	.83	.42	.05	--	243	39	0.5	
66 17 15 2 71 19 9 1																			
10/11/72	1101	65	F		58	10	22	3.0	0	187	46	16	.0	--	--	185			
0900	1101	18	C	7.9	444	2.89	.82	.96	.08	.00	3.06	.96	.45	.00	--	247	33	0.7	
61 17 20 2 60 21 10																			
06/28/73	1101	70	F		37	4.0	32	3.0	0	162	32	12	1.0	.00	--	108			
	1101	21	C	8.2	339	1.85	.33	1.39	.08	.00	2.66	.67	.34	.02	.00	201	0	1.3	
51 9 38 2 72 18 9 1																			
025/11W-05K02																			
09/17/73	1101	68	F		36	6.0	31	2.0	0	163	25	17	.0	.00	--	114			
0900	1101	20	C	8.2	335	1.80	.49	1.35	.05	.00	2.67	.52	.48	.00	.0	197	0	1.3	
49 13 37 1 73 14 13																			
025/11W-05N05																			
05/14/73	S050	70	F		122	24	43	4.9	0	245	204	54	17.0	.04	.2	636	403		
1700	S050	21	C	7.8	926	6.09	1.97	1.87	.13	.00	4.02	4.25	1.52	.27	--	589	202	0.9	
61 20 19 1 40 42 15 3																			
025/11W-08A02																			
10/10/72	1101	69	F		114	18	56	4.0	0	305	134	61	19.5	--	--	358			
0820	1101	21	C	7.6	919	5.69	1.88	2.44	.10	.00	5.00	2.79	1.72	.31	--	554	109	1.3	
59 15 25 1 51 28 18 3																			
03/14/73	1101	68	F		122	15	56	4.0	0	314	142	59	22.9	.00	--	366			
0835	1101	20	C	7.9	917	6.09	1.23	2.44	.10	.00	5.15	2.96	1.66	.37	.0	575	109	1.3	
62 12 25 1 51 29 16 4																			
06/11/73	1101	69	F		120	18	55	4.0	0	316	140	59	19.8	.00	--	373			
0955	1101	21	C	7.7	923	5.99	1.88	2.39	.10	.00	5.18	2.91	1.66	.32	.0	571	115	1.2	
60 15 24 1 51 29 16 3																			
09/17/73	1101	68	F		119	20	57	4.0	0	313	140	63	20.4	.00	--	379			
0930	1101	20	C	7.8	923	5.94	1.64	2.48	.10	.00	5.13	2.91	1.78	.33	.0	577	123	1.3	
58 16 24 1 51 29 18 3																			
U-05.02 01N/10W-29K01																			
17/10/73	S050	90.0F	6.9		67	17	15	3.5	0	258	40	9.0	11.0	.09	.2	282	237		
0100	S050	32.2C	8.1	515	3.34	1.40	.65	.09	.00	4.23	.83	.25	.18	--	289	26	0.4		
61 26 12 2 77 15 5 3																			
U-05.03 01N/10W-22N01																			
07/10/73	S050		7.0		--	--	--	--	--	--	--	--	--	--	--	246	202		
7.4 492 -- --																			
01N/10W-23C01																			
08/15/73	1101	63	F		51	13	19	4.0	0	100	123	13	5.5	.00	.4	180			
1045	1101	17	C	6.6	467	2.54	1.07	.83	.10	.00	1.64	2.56	.37	.09	.0	278	99	0.6	
56 24 18 2 35 55 8 2																			
01N/10W-27C02																			
08/15/73	1101	65	F		54	12	13	3.0	0	195	33	14	12.9	.00	.6	184			
1035	1101	18	C	8.0	405	2.69	.99	.57	.08	.00	3.20	.69	.39	.21	.0	238	24	0.4	
62 23 13 2 71 15 9 5																			
U-05.04 01N/08W-06L05																			
08/09/73	1101	68	F		87	25	37	2.0	0	226	75	34	130	.00	.8	320			
1425	1101	20	C	7.3	773	4.34	2.06	1.61	.05	.00	3.70	1.56	.96	2.10	.0	501	135	0.9	
54 26 20 1 44 19 12 25																			
01N/08W-19L01																			
08/09/73	1101	72	F		81	24	28	1.0	0	308	55	20	43.8	.00	1.8	301			
1400	1101	22	C	7.9	655	4.04	1.97	1.22	.03	.00	5.05	1.15	.56	.71	.0	404	48	0.7	
56 27 17 68 15 7 10																			
U-05.E U-05.E1 01S/09W-26H01																			
08/01/73	1101	70	F		122	27	30	2.0	0	317	136	35	51.8	.00	1.0	415			
1200	1101	21	C	7.8	872	6.09	2.22	1.31	.05	.00	5.20	2.83	.99	.84	.0	540	156	0.6	
63 23 14 1 53 29 10 9																			
U-05.E2 01S/08W-07G02																			
08/31/73	1101	77	F		53	13	34	2.0	0	156	61	20	59.8	.00	.4	185			
1045	1101	25	C	7.9	516	2.64	1.07	1.48	.05	.00	2.56	1.27	.56	.96	.3	320	58	1.1	
50 20 28 1 49 24 10 18																			
01S/08W-18J02																			
08/09/73	1101	65	F		51	9.0	16	2.0	0	160	32	8.0	27.1	.00	.4	164			
1235	1101	18	C	8.0	377	2.54	.74	.70	.05	.00	2.62	.67	.23	.44	.0	224	33	0.5	
63 18 17 1 66 17 6 11																			



## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PM EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REFRACTANCE VALUE					MILLIGRAMS PER LITER					REM	
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCM	SAR			
				LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT SPADRA HYDRO SUBUNIT POMONA HYDRO SUBAREA																
08/31/73	1101		67 F		104	33	39	1.0	0	185	133	65	131	.00	.7		395			
1105	1101		19 C	7.4	936	5.19	2.71	1.70	.03	.00	3.03	2.77	1.83	2.11	.3	597	244	0.9		
				015/08W-19A01 S																
08/09/73	1101		74 F		24	4.0	60	1.0	0	138	47	11	31.3	.00	.4		76			
1245	1101		23 C	8.1	402	1.20	.33	2.61	.03	.00	2.26	.98	.31	.50	.0	244	0	3.0		
				015/08W-19A02 S																
				U-05.E3 015/08W-05A01 S																
08/09/73	1101		80 F		78	27	60	3.0	0	169	161	52	52.8	.00	.5		305			
1535	1101		27 C	7.6	801	3.09	2.22	2.61	.08	.00	2.77	3.35	1.47	.85	.4	517	147	1.5		
				LIVE OAK HYDRO SUBAREA																
				U-05.F U-05.F1 035/09W-32H03 S																
10/31/72	5102				140	28	--	--	--	279	--	127	42.6	--	--		465			
	5868			7.7	1235	6.99	2.30	--	--	4.57	--	3.58	.69	--	--					
04/17/73	5102				141	27	--	--	--	206	--	135	39.1	--	--		465			
	5868			7.4	1325	7.04	2.29	--	--	4.69	--	3.81	.63	--	--					
09/25/73	5134				142	28	--	--	0	302	--	136	32.3	--	--		473			
	5868			7.8	1300	7.09	2.35	--	--	.00	4.95	3.84	.52	--	--		225			
				035/09W-32P03 S																
12/01/72	5102				90	27	120	7.3	--	151	315	100	2.5	.21	.5		338			
	5868			7.6	1080	4.49	2.25	5.22	.19	2.47	6.56	2.82	.04	7.0			2.8			
				035/09W-34J05 S																
07/26/73	4417		69.8F		77	53	106	5.5	--	312	235	128	8.9	--	.6		410			
0910	5999		21.0C	7.9	1170	3.84	4.36	4.61	.14	5.11	4.89	3.61	.14	--	--		2.3			
				035/10W-29001 S																
07/26/73	4417		70 F		20	6.3	113	2.0	--	209	154	42	--	--	.9		76			
1005	5999		21 C	8.2	615	1.00	.52	4.92	.05	3.43	3.21	1.20	--	--	--		5.6			
				035/10W-35K01 S																
07/26/73	4417		70 F		126	39	80	4.7	--	281	235	115	33.7	--	.4		478			
0925	5999		21 C	7.9	1160	6.29	3.28	3.50	.12	4.61	4.89	3.24	.54	--	--		1.6			
				035/10W-36H01 S																
12/13/72	5102				98	17	47	4.4	--	241	112	68	9.1	.12	.5		317			
	5868			7.7	775	4.89	1.46	2.04	.11	3.95	2.33	1.92	.15	17.0			1.1			
05/17/73	5102				98	19	46	4.9	--	250	109	71	7.7	.10	.4		325			
	5868			7.6	785	4.89	1.60	2.00	.13	4.10	2.27	2.00	.12	21.0			1.1			
				035/11W-35F02 S																
07/26/73	4417		70 F		53	14	57	2.2	--	210	120	28	8.9	--	.5		194			
1030	5999		21 C	8.2	590	2.68	1.20	2.50	.06	3.44	2.50	.80	.14	--	--		1.8			
				045/09W-06G02 S																
09/25/73	5134				111	28	108	7.6	0	251	228	122	17.3	.16	.4		385			
	5868			8.4	1200	5.54	2.15	4.70	.19	4.11	4.75	3.44	.28	18.0		762	179	2.4		
				045/10W-01B01 S																
12/13/72	5102				108	19	120	7.2	--	144	333	101	1.7	.19	.6		353			
	5868			7.7	1125	5.39	1.63	5.22	.18	2.36	6.93	2.85	.03	16.0			2.8			
05/17/73	5102				107	21	112	7.4	--	157	326	101	1.4	.15	.6		355			
	5868			7.4	1440	5.34	1.76	4.87	.19	2.57	6.79	2.85	.02	21.0			2.6			
				045/10W-01F01 S																
12/13/72	5102				113	21	117	7.2	--	148	336	103	6.5	.20	.6		368			
	5868			7.7	1110	5.64	1.75	5.09	.10	2.43	7.00	2.90	.10	17.0			2.6			
				045/11W-30M04 S																
07/31/73	4417		70 F		24	3.9	62	1.0	--	176	38	14	--	--	.5		76			
0910	5999		21 C	8.2	400	1.20	.32	2.70	.03	2.88	.80	.40	--	--	--		3.1			
				U-05.F2 035/10W-02H02 S																
12/01/72	5102				127	40	--	--	--	324	--	140	100	--	--		447			
	5868			7.3	1425	6.34	3.36	--	--	5.31	--	3.95	1.62	--	--					
04/17/73	5102				128	41	--	--	--	332	--	151	76.4	--	--		492			
	5868			7.3	1470	6.39	3.43	--	--	5.44	--	4.26	1.23	--	--					

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM		
				CA	MG	NA	K	CO3	CO3	504	CL	NO3	0	F	TDS SUM	TH NCH	SAR				
		LOS ANGELES DRAINAGE PROVINCE																			
		LA-SAN GABRIEL RIVER HYDRO UNIT																			
		ANAHEIM HYDRO SUBUNIT																			
		LA HABRA HYDRO SUBAREA																			
12/01/72	5102 5866		7.2	2235	12.43	3.02				304	4.96		511	07.6						015	
04/17/73	5102 5868		7.2	2130	12.07	3.36				313	5.13		433	105						011	
		035/10W-10M01 S																			
04/17/73	5102 5868		7.5	877	4.59	2.09	2.65	.10		251	4.11	1.79	66	126	52.5	.56	.3			375	1.4
		035/10W-10M02 S																			
12/01/72	5102 5866		7.5	975	4.79	2.34	2.03	.09		227	3.72	1.37	66	125	73.0	.15	.5			350	1.5
04/17/73	5102 5868		7.4	937	4.74	2.37				229	3.75		128	69.2						355	
		035/10W-11M02 S																			
12/01/72	5102 5866		7.6	1905	6.69	5.77				426	6.96		224	95.0						425	
04/17/73	5102 5868		7.4	1090	6.44	6.12				424	6.95		217	71.4						420	
		YORBA LINDA HYDRO SUBAREA																			
		U-05.F3																			
		035/09W-02P01 S																			
04/17/73	5102 5868		7.7	6430	9.0	2.5				3037	49.76		376							33	
		035/09W-21M01 S																			
04/17/73	5102 5868		7.2	1730	9.63	3.59	5.31	.08		396	6.49	2.62	126	236	156	.03	.2			461	2.1
		035/09W-28L02 S																			
10/31/72	5102 5868		7.4	1435	4.54	3.24				336	5.51		315	.1						309	
04/17/73	5102 5868		7.2	1440	4.69	3.22				338	5.54		320	.4						396	
		035/09W-32C01 S																			
10/31/72	5102 5868		7.7	995	5.49	1.41				316	5.16		105	1.2						345	
04/17/73	5102 5868		7.6	1070	5.94	1.79				315	5.16		117	1.2						308	

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	S	F	TDS SUM	TM NCH	SAR						
																			8	102	105	106		
LAMONTAN DRAINAGE PROVINCE																								
ANTELOPE HYDRO UNIT																								
ANTELOPE HYDRO SUBUNIT																								
LANCASTER HYDRO SUBAREA																								
03/07/73	5050	65	F		13	3.9	44	1.1	0	130	24	8.0	.0	.00	.2	147	49							
	5050	18	C	7.8	266	.65	.32	1.91	.03	.00	2.13	.50	.23	.00	--	158	0	2.7						
						22	11	66	1		74	17	8											
03/02/73	5050				41	14	18	3.3	0	182	46	5.0	1.4	.04	.2	144	140							
	5050			8.1	364	2.05	1.15	.78	.08	.00	2.98	.96	.14	.02	--	218	11	0.6						
						50	28	19	2		73	23	3											
02/28/73	5050	68	F		25	5.2	24	1.7	0	131	20	6.0	1.6	.01	.1	138	84							
	5050	20	C	7.9	257	1.25	.43	1.04	.04	.00	2.15	.42	.17	.03	--	148	0	1.1						
						45	16	38	1		78	15	6											
02/28/73	5050	67	F		10	2.4	43	1.0	0	120	21	6.0	1.4	.00	.1	129	37							
	5050	19	C	7.8	246	.54	.20	1.87	.03	.00	1.97	.44	.17	.02	--	145	0	3.1						
						20	8	71	1		76	17	7											
03/05/73	5050	66	F		91	38	71	1.8	0	298	154	35	105	.08	.9	637	383							
	5050	19	C	8.2	938	4.54	3.13	3.09	.05	.00	4.88	3.21	.99	1.69	--	642	140	1.6						
						42	29	29			45	30	9											
03/02/73	5050	68	F		46	9.0	37	2.9	0	161	60	26	3.0	.06	.3	251	152							
	5050	20	C	8.1	443	2.38	.74	1.61	.07	.00	2.64	1.25	.73	.05	--	243	20	1.3						
						49	16	34	1		57	27	16											
03/02/73	5050	61	F		23	3.1	21	1.9	0	115	13	6.0	3.3	.00	.1	107	70							
	5050	16	C	7.9	225	1.15	.25	.91	.05	.00	1.88	.27	.17	.05	--	128	0	1.1						
						49	11	39	2		79	11	7											
03/02/73	5050	64	F		21	5.8	51	1.5	0	138	39	24	2.5	.05	.4	209	77							
	5050	18	C	8.0	381	1.05	.48	2.22	.04	.00	2.26	.81	.68	.04	--	213	0	2.5						
						28	13	59	1		60	21	18											
BUTTES HYDRO SUBAREA																								
02/27/73	5050	64	F		36	7.6	22	2.1	0	145	43	9.0	1.7	.00	.2	182	121							
	5050	18	C	7.5	321	1.80	.63	.96	.05	.00	2.38	.90	.25	.03	--	193	3	0.9						
						52	18	28	1		67	25	7											
02/27/73	5050	63	F		247	87	181	3.3	0	330	892	107	2.6	.13	.5	1812	974							
	5050	17	C	8.0	2116	12.33	7.15	7.87	.08	.00	5.41	18.57	3.02	.04	--	1642	704	2.5	E					
						45	26	29			20	69	11											
03/02/73	5050	66	F		26	5.6	42	3.2	0	150	47	5.0	2.7	.00	.3	204	88							
	5050	19	C	7.6	345	1.30	.46	1.83	.08	.00	2.46	.98	.14	.04	--	205	0	1.9						
						35	13	50	2		68	27	4											
03/07/73	5050	65	F		22	8.1	42	3.2	0	157	43	5.0	2.3	.00	.3	206	89							
	5050	18	C	8.0	345	1.10	.67	1.83	.08	.00	2.57	.90	.14	.04	--	203	0	1.9						
						30	18	50	2		70	25	4											
02/28/73	5050	67	F		25	6.2	31	1.4	0	149	29	7.0	.7	.02	.1	156	88							
	5050	19	C	7.9	289	1.25	.51	1.35	.04	.00	2.44	.60	.20	.01	--	174	0	1.4						
						40	16	43	1		75	18	6											
02/28/73	5050	67	F		39	7.2	27	1.7	0	165	29	11	7.3	.00	.1	184	127							
	5050	19	C	7.9	344	1.95	.59	1.17	.04	.00	2.70	.60	.31	.12	--	203	0	1.0						
						52	16	31	1		72	16	8											
ROCK CREEK HYDRO SUBAREA																								
02/26/73	5050	65	F		66	22	17	3.9	0	244	80	7.0	8.2	.09	.2	279	255							
	5050	18	C	7.9	521	3.29	1.81	.74	.10	.00	4.00	1.67	.20	.13	--	324	55	0.5						
						55	30	12	2		67	28	3											
02/26/73	5050	64	F		58	14	20	4.5	0	240	42	6.0	2.6	.00	.2	226	202							
	5050	18	C	7.8	452	2.89	1.15	.87	.12	.00	3.93	.87	.17	.04	--	245	6	0.6						
						57	23	17	2		78	17	3											
02/26/73	5050				60	18	12	4.0	0	232	55	4.0	1.6	.09	.2	224	224							
	5050			8.0	446	2.99	1.48	.52	.10	.00	3.80	1.15	.11	.03	--	269	34	0.3	T					
						59	29	10	2		75	23	2											
02/26/73	5050	63	F		71	29	86	5.4	0	263	229	23	.6	.17	.2	534	296							
	5050	17	C	8.1	846	3.54	2.38	3.74	.14	.00	4.31	4.77	.65	.01	--	573	81	2.2						
						36	24	38	1		44	49	7											
03/08/73	5050				125	36	154	2.9	0	300	418	73	3.8	.14	.4	945	440							
	5050			7.9	1364	6.24	2.96	6.70	.07	.00	4.92	8.70	2.06	.06	--	960	214	3.1	E					
						39	19	42			31	55	13											



TABLE E-1 (CONT.)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL ANALYSES OF GROUND WATER										MILLIGRAMS PER LITER				REN
					MINERAL CONSTITUENTS IN										MILLIEQUIVALENTS PER LITER				
					CA	MG	NA	K	CO3	HCO3	SO4	CL	PERCENT REACTANCE VALUE	NO3	B	F	TDS SUM	TH NCH	
LAHONTAN DRAINAGE PROVINCE ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT ROCK CREEK HYDRO SUBAREA																			
03/06/73	W-26 W-26.A W-26.A6 04N/10W-08E01 5050 5050	S 66 F 19 C	7.9	847	67	29	82	2.7	0	297	147	50	2.4	.06	.2	518	246	2.1	
03/07/73	04N/10W-09D01 5050 5050	S 66 F 19 C	8.1	929	114	23	70	3.7	0	303	194	53	4.6	.12	.2	612	379	1.6	
03/07/73	04N/10W-15N01 5050 5050	S 65 F 18 C	8.1	597	75	17	34	2.2	0	275	.88	14	.2	.00	.4	340	257	0.9	
03/07/73	04N/10W-23C01 5050 5050	S 65 F 18 C	8.0	398	48	15	16	2.9	0	227	24	5.0	5.8	.00	.2	207	182	0.5	
03/01/73	05N/08W-13H01 5050 5050	S 65 F 18 C	7.9	478	39	18	34	6.0	0	113	150	4.0	1.8	.00	.3	285	172	1.1	
02/27/73	05N/08W-25H01 5050 5050	S 63 F 17 C	8.1	531	60	20	28	5.2	0	195	128	3.0	1.4	.00	.2	340	232	0.8	
03/06/73	05N/09W-05C01 5050 5050	S 67 F 19 C	8.0	380	46	13	15	3.2	0	182	48	3.0	2.2	.12	.2	212	149	0.5	
03/05/73	05N/09W-24P01 5050 5050	S 69 F 21 C	7.8	372	2.5	1.6	80	.8	0	123	70	7.0	2.4	.15	.7	217	13	9.7	
02/27/73	05N/09W-25A01 5050 5050	S 66 F 19 C	7.9	389	24	13	42	4.0	0	173	57	6.0	.4	.01	.2	213	114	1.7	
02/27/73	05N/09W-26001 5050 5050	S 66 F 19 C	7.8	384	6.6	1.8	79	.9	0	120	80	5.0	1.4	.07	.8	220	24	7.0	
02/26/73	05N/09W-28N01 5050 5050	S 64 F 18 C	7.9	553	73	23	20	4.6	0	280	89	6.0	8.4	.07	.3	334	227	0.5	
02/28/73	05N/10W-05R01 5050 5050	S 64 F 18 C	8.0	411	47	9.8	27	2.3	0	157	54	22	4.3	.10	.2	245	158	0.9	
03/01/73	05N/10W-07N01 5050 5050	S 65 F 18 C	7.9	412	29	5.9	55	1.7	0	140	75	14	2.2	.00	.3	243	97	2.4	
03/01/73	05N/10W-07R01 5050 5050	S 66 F 19 C	7.9	380	27	3.8	50	1.4	0	134	64	11	2.0	.01	.2	225	83	2.4	
03/09/73	05N/10W-16J01 5050 5050	S 65 F 18 C	7.9	529	53	12	41	2.1	0	150	78	45	10.3	.00	.2	318	185	1.3	
03/09/73	05N/10W-26J01 5050 5050	S 65 F 18 C	8.0	852	90	31	56	2.2	0	285	129	72	12.4	.00	.4	551	352	1.3	
03/08/73	05N/10W-29Q01 5050 5050	S 67 F 19 C	8.0	1286	79	35	188	4.3	0	193	396	92	3.8	.19	.8	885	341	4.0	
03/08/73	05N/10W-34N02 5050 5050	S 67 F 19 C	8.0	1214	93	47	127	1.9	0	272	380	56	2.2	.08	1.1	883	425	2.7	E
02/27/73	05N/11W-02P02 5050 5050	S 62 F 17 C	8.1	816	100	27	43	2.4	0	235	171	43	31.8	.00	.2	543	381	1.0	
03/01/73	05N/11W-12P01 5050 5050	S 64 F 18 C	7.8	934	131	27	47	3.9	0	285	221	41	45.0	.00	.2	687	438	1.0	E

TABLE E-1 (CONT.)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL ANALYSES OF GROUND WATER								MILLIGRAMS PER LITER					REM		
					MINERAL CONSTITUENTS IN				MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER							
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	0	F	TOS	TM		SAR	
<p style="text-align: center;">LAHONTAN DRAINAGE PROVINCE ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT ROCK CREEK HYDRO SUBAREA</p>																				
03/01/73	W-26 W-26.A W-26.4B 06N/08W-09P01	S	66	F		101	32	125	3.2	0	128	399	79	19.0	.29	.7	867	384		E
	5050		19	C	8.0	1176	5.04	2.83	5.44	.00	.00	2.10	0.31	2.23	.31	--	821	279	2.6	
						30	20	41	1		16	64	17	2						
03/06/73	06N/08W-19M01	S	64	F		16	4.1	83	1.8	0	110	123	12	2.1	.13	1.3	297	57		
	5050		18	C	7.7	477	.80	.34	3.61	.05	.00	1.80	2.56	.34	.03	--	296	0	4.8	
						17	7	75	1		38	54	7	1						
03/01/73	06N/08W-32P01	S	67	F		28	8.2	44	3.8	0	132	78	7.0	4.5	.00	.2	238	104		
	5050		19	C	7.9	387	1.40	.67	1.91	.10	.00	2.16	1.62	.20	.07	--	238	0	1.9	
						34	16	47	2		53	40	5	2						
03/01/73	06N/08W-35F02	S	64	F		39	15	69	4.0	0	92	206	9.0	4.6	.00	.3	397	159		
	5050		18	C	7.7	588	1.95	1.23	3.00	.10	.00	1.51	4.29	.25	.07	--	392	84	2.4	
						31	20	48	2		25	70	4	1						
03/06/73	06N/09W-22L01	S	68	F		26	18	29	3.0	0	125	80	12	1.6	.05	.5	236	139		
	5050		20	C	7.9	392	1.30	1.48	1.26	.08	.00	2.05	1.67	.34	.03	--	231	37	1.1	
						32	36	31	2		50	41	8	1						
03/06/73	06N/09W-33P01	S	66	F		47	14	16	3.3	0	185	47	6.0	6.0	.00	.2	233	175		
	5050		19	C	8.0	382	2.35	1.15	.70	.08	.00	3.03	.98	.17	.10	--	230	24	0.5	
						55	27	16	2		71	23	4	2						
03/05/73	06N/09W-35M01	S	66	F		33	9.7	39	3.1	0	191	37	8.0	1.6	.03	.3	222	123		
	5050		19	C	7.9	382	1.65	.80	1.70	.08	.00	3.13	.77	.23	.03	--	225	0	1.5	
						39	19	40	2		75	19	8	1						
03/05/73	06N/09W-35N02	S	66	F		22	9.0	40	3.5	0	153	47	8.0	3.7	.01	.3	175	92		
	5050		19	C	7.8	344	1.10	.74	1.74	.09	.00	2.51	.98	.17	.08	--	208	0	1.8	
						30	20	47	2		67	26	5	2						
02/28/73	06N/10W-34R01	S	63	F		4.2	11	16	3.2	0	85	.35	4.0	.0	.03	.1	69	57		
	5050		17	C	7.6	190	.21	.93	.70	.08	.00	1.07	.73	.11	.00	--	106	4	0.9	
						11	48	36	4		56	38	6							
<p style="text-align: center;">MOJAVE HYDRO UNIT EL MIRAGE HYDRO SUBUNIT</p>																				
01/08/73	W-28 W-28.A 03N/07W-08F01	S				85	26	12	4.0	0	364	38	8.0	1.6	.00	.3	296	317		
	5101				7.7	649	4.24	2.14	.52	.10	.00	5.97	.79	.23	.03	--	354	21	0.3	
						61	31	7	1		85	11	3							
01/08/73	06N/07W-07E01	S				117	31	94	1.0	0	150	371	82	12.0	.20	.6	742	420		
	5101				7.5	1202	5.84	2.55	4.09	.03	.00	2.46	7.72	2.31	.19	--	742	297	2.0	
						47	20	33			19	61	18	1						
01/08/73	06N/07W-10P02	S				39	10	80	3.8	0	70	235	13	2.6	.01	.5	361	139		
	5101				7.7	661	1.95	.82	3.48	.10	.00	1.15	4.89	.37	.04	--	418	81	3.0	
						31	13	55	2		18	76	6	1						
01/08/73	06N/07W-17R01	S				63	15	58	4.8	0	73	254	9.0	2.4	.00	.5	395	218		
	5101				6.7	470	3.14	1.23	2.52	.12	.00	1.20	5.29	.25	.04	--	442	159	1.7	
						45	18	36	2		16	78	4	1						
01/08/73	06N/08W-13A01	S				55	16	62	2.6	0	117	216	12	1.6	.01	.5	389	201		
	5101				7.7	670	2.74	1.32	2.70	.07	.00	1.92	4.50	.34	.03	--	423	107	1.9	
						40	19	40	1		28	66	5							
<p style="text-align: center;">UPPER MOJAVE HYDRO SUBUNIT</p>																				
10/27/72	W-28.B 02N/02W-30K01S	S				7.1	1.9	6.6	1.3	0	43	3.1	3.9	.3	.00	.1	34	25		
	5101				6.5	76	.35	.16	.29	.03	.00	.70	.06	.11	.00	--	45	0	0.6	
						42	19	35	4		80	7	13							
05/22/73	5101					7.6	2.1	5.0	1.2	0	46	1.6	2.0	.4	.00	.0	75	28		
	5101				6.8	91	.38	.17	.22	.03	.00	.75	.03	.06	.01	--	43	0	0.4	
						48	21	28	4		88	4	7	1						
10/27/72	02N/02W-32R02	S				29	7.0	29	2.4	0	121	17	35	.5	.00	.4	174	101		
	1130				7.7	331	1.45	.58	1.26	.06	.00	1.98	.35	.99	.01	--	179	3	1.3	
						43	17	38	2		59	11	30							
05/22/73	5101					31	8.4	13	2.1	0	135	7.2	17	.4	.00	.1	289	111		
	5101				7.4	274	1.55	.69	.57	.05	.00	2.21	.15	.48	.01	--	146	2	0.5	
						54	24	20	2		78	5	17							
10/26/72	02N/03W-19L01	S				10	1.9	9.3	1.0	0	48	1.6	9.8	.1	.01	.0	103	33		
	1400				6.1	114	.50	.16	.40	.03	.00	.79	.03	.28	.00	--	57	0	0.7	
						46	15	37	3		72	3	25							

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PM EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER					REM	
				CA	MG	NA	K	CO3	MCO3	SO4	CL	NO3	B	F	TO5 SUM	TH NCH		5AR
W W-28 W-28.8 LAMONTAN DRAINAGE PROVINCE MOJAVE HYDRO UNIT UPPER MOJAVE HYDRO SUBUNIT																		
10/26/72	5101			4.2	5.1	9.0	1.1	0	51	.8	7.8	.3	.02	.1	133	34	E	
1400	5101	6.2	122	.21	.42	.39	.03	.00	.84	.02	.22	.00	--	53	0	0.7	T	
				20	40	37	3		78	2	20							
10/26/72	5101			29	8.4	30	3.0	0	109	24	41	.3	.13	.0	243	108	T	
	5101	7.3	372	1.45	.69	1.31	.08	.00	1.79	.50	1.16	.00	--	149	18	1.3	T	
				41	20	37	2		52	14	34							
05/15/73	5101			12	1.9	11	1.0	0	39	5.1	18	.9	.00	.0	89	38	T	
	5101	6.8	131	.60	.16	.48	.03	.00	.64	.11	.51	.01	--	69	6	0.8	T	
				47	13	38			50	9	40	1						
10/26/72	5101			15	2.8	9.3	2.0	0	60	3.6	12	.5	.60	.2	119	50	E	
	5101	7.1	145	.75	.23	.40	.05	.00	.98	.07	.34	.01	--	75	0	0.6	T	
				52	16	28	3		70	5	24	1						
05/15/73	5101			15	2.6	9.4	1.7	0	56	4.6	13	1.0	.00	.1	127	49	E	
	5101	6.3	143	.75	.21	.41	.04	.00	.92	.10	.37	.02	--	75	2	0.6	T	
				53	15	29	3		65	7	26	1						
05/22/73	5101			23	11	8.7	1.7	0	117	8.1	14	7.8	.10	.0	198	100	E	
	5101	6.5	265	1.15	.90	.38	.04	.00	1.92	.17	.39	.13	--	132	7	0.4	T	
				47	36	15	2		74	7	15	5					S	
10/27/72	5101			19	6.6	8.6	1.5	0	90	5.1	12	3.3	.02	.2	114	75	T	
	5101	6.7	190	.95	.54	.37	.04	.00	1.48	.11	.34	.05	--	100	1	0.4	T	
				50	28	19	2		75	6	17	3						
05/22/73	5101			19	6.8	8.2	1.7	0	82	1.8	11	8.5	.03	.0	80	75	T	
	5101	6.8	105	.95	.56	.36	.04	.00	1.34	.04	.31	.14	--	97	9	0.4	T	
				50	29	19	2		73	2	17	8						
10/30/72	5101			113	26	147	5.2	0	119	201	294	2.5	.66	.5	943	389	T	
	5101	7.5	1488	5.64	2.14	6.39	.13	.00	1.95	4.18	8.29	.04	--	848	292	3.2	T	
				39	15	45	1		13	29	57							
04/13/73	5101			115	25	164	5.3	0	117	214	315	3.2	.74	.6	925	390	T	
	5101	7.6	1520	5.74	2.06	7.13	.14	.00	1.92	4.46	8.88	.05	--	900	294	3.6	T	
				38	14	47	1		13	29	58							
10/30/72	5101			46	11	19	2.1	0	153	14	14	57.0	.01	.1	282	158	T	
	5101	6.9	415	2.30	.90	.83	.05	.00	2.51	.29	.39	.92	--	238	35	0.7	T	
				56	22	20	1		61	7	9	22						
04/13/73	5101			34	7.8	20	2.2	0	148	15	15	13.0	.06	.2	171	117	T	
	5101	7.6	341	1.70	.64	.87	.06	.00	2.43	.31	.42	.21	--	180	0	0.8	T	
				52	20	27	2		72	9	12	6						
01/10/73	5101			13	4.2	10	.7	0	70	8.1	7.0	1.6	.00	.2	50	50	E	
	5101	7.0	158	.65	.35	.44	.02	.00	1.15	.17	.20	.03	--	79	0	0.6	T	
				45	24	30	1		74	11	13	2					S	
01/10/73	5101			25	5.5	13	1.0	0	97	14	11	7.8	.00	.5	123	84	T	
	5101	7.0	244	1.25	.45	.57	.03	.00	1.59	.29	.31	.13	--	125	6	0.6	T	
				54	20	25	1		69	13	13	6						
01/10/73	5101			18	5.1	12	.9	0	82	11	8.0	1.6	.00	.3	93	45	T	
	5101	7.1	192	.90	.42	.52	.02	.00	1.34	.23	.23	.03	--	97	0	0.6	T	
				48	23	28	1		73	13	13	2						
01/08/73	5101			114	25	12	5.2	0	339	129	10	7.5	.02	.3	457	386	T	
	5101	7.7	781	5.69	2.06	.52	.13	.00	5.56	2.69	.28	.12	--	469	110	0.3	T	
				68	25	6	2		64	31	3	1						
01/10/73	5101			57	12	128	3.2	0	85	200	138	2.8	.88	1.2	585	191	T	
	5101	7.8	1042	2.84	.99	5.57	.08	.00	1.39	4.16	3.89	.05	--	584	122	4.0	T	
				30	10	59	1		15	44	41	1						
01/10/73	5101			94	28	161	4.6	0	90	221	281	2.1	.44	1.4	852	348	T	
	5101	6.8	1493	4.69	2.30	7.00	.12	.00	1.48	4.60	7.92	.03	--	836	276	3.7	T	
				33	16	50	1		11	33	56							
01/10/73	5101			89	24	171	5.0	0	92	221	275	6.5	.51	.9	428	318	T	
	5101	7.6	1433	4.44	1.97	7.44	.13	.00	1.51	4.60	7.76	.10	--	837	245	4.2	T	
				32	14	53	1		11	33	56	1						
01/11/73	5101			7.9	1.1	34	1.2	0	99	.0	7.0	2.4	.00	.3	95	24	T	
	5101	7.6	215	.39	.09	1.48	.03	.00	1.62	.00	.20	.04	--	102	0	3.0	T	
				20	5	74	2		87		11	2					S	
01/11/73	5101			4.1	2.2	38	.9	0	102	2.5	12	2.4	.00	.4	102	19	T	
	5101	7.4	198	.20	.18	1.65	.02	.00	1.67	.05	.34	.04	--	112	0	3.8	T	
				10	9	80	1		80	2	16	2						



TABLE E-1 (CONT.)

		MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	PERCENT REACTANCE VALUE	0	F	TD5	7M	5AR		
		LAHONTAN DRAINAGE PROVINCE																			
		NOJAVE HYDRO UNIT																			
		UPPER NOJAVE HYDRO SUBUNIT																			
		W-28 W-28.B																			
01/11/73	5101					1.8	2.6	40	.6	0	99	11	6.0	1.2	.00	.3	108	15			
	5101	7.7	201			.09	.21	1.74	.02	.00	1.62	.23	.23	.02		--	114	0	4.5		
						4	10	04	1		77	11	11	1							
01/11/73	5101					5.0	3.1	34	1.1	0	104	3.3	8.0	2.8	.02	.2	129	25			
	5101	7.7	211			.25	.25	1.48	.03	.00	1.70	.07	.23	.05		--	108	0	2.9		
						12	12	74	1		03	3	11	2							
01/11/73	5101					1.8	4.7	34	1.5	0	95	5.1	8.0	1.1	.00	.3	90	24			
	5101	7.5	198			.09	.39	1.48	.04	.00	1.56	.11	.23	.02		--	103	0	3.0		
						5	20	74	2		01	6	12	1							
01/11/73	5101					4.6	1.1	41	.6	9.6	02	7.7	11	1.2	.10	.4	123	16			
	5101	8.4	261			.23	.09	1.78	.02	.32	1.34	.16	.31	.02		--	117	0	4.5		
						11	4	84	1	15	62	7	14	1							
01/10/73	5101					23	6.0	45	1.2	0	90	64	22	1.2	.34	.6	197	81			
	5101	7.8	379			1.15	.49	1.96	.03	.00	1.48	1.33	.62	.02		--	207	8	2.2		
						32	13	54	1		43	39	18	1					5		
01/11/73	5101					4.5	5.1	31	1.2	0	104	2.8	5.0	3.1	.00	.2	119	32			
	5101	7.7	245			.22	.42	1.35	.03	.00	1.70	.06	.14	.05		--	104	0	2.4		
						11	21	67	1		07	3	7	3							
01/11/73	5101					7.6	3.2	36	--	0	104	3.1	10	2.1	.00	.2	104	32			
	5101	7.7	199			.38	.26	1.57		.00	1.70	.06	.28	.03		--	113	0	2.8		
						17	12	71			02	3	14	1							
01/11/73	5101					19	5.0	18	1.4	0	107	5.8	6.0	2.3	.00	.3	100	68			
	5101	7.4	230			.95	.41	.78	.04	.00	1.75	.12	.17	.04		--	110	0	1.0		
						44	19	36	2		04	6	8	2							
01/10/73	5101					3.1	5.9	25	1.0	0	85	4.3	6.0	1.1	.03	.5	71	32			
	5101	7.4	201			.15	.49	1.09	.03	.00	1.39	.09	.17	.02		--	08	0	1.9		
						9	28	62	2		03	5	10	1					5		
01/11/73	5101					10	1.4	39	1.9	0	95	5.1	14	13.0	.00	.4	128	32			
	5101	7.6	249			.50	.12	1.70	.05	.00	1.56	.11	.39	.21		--	131	0	3.1		
						21	5	72	2		09	5	17	9							
10/30/72	5101					36	5.2	19	1.5	0	133	17	8.8	12.0	.02	.2	221	112			
	5101	7.9	305			1.80	.43	.83	.04	.00	2.18	.35	.25	.19		--	165	3	0.8		
						58	14	27	1		73	12	8	6					7		
04/13/73	5101					33	4.7	20	1.8	0	135	13	10	9.8	.00	.2	232	102			
	5101	7.0	288			1.65	.39	.87	.05	.00	2.21	.27	.28	.15		--	158	8	0.9		
						56	13	29	2		76	9	10	5					7		
01/08/73	5101					28	5.7	50	2.7	0	63	140	5.0	1.9	.00	.3	210	94			
	5101	7.5	471			1.40	.47	2.18	.07	.00	1.03	2.91	.14	.03		--	264	42	2.3		
						34	11	53	2		25	71	3	1					7		
01/10/73	5101					16	2.5	210	3.0	0	63	325	55	.0	.55	19.0	637	51			
	5101	7.3	1114			.80	.21	9.14	.08	.00	1.03	6.77	1.55	.00		--	643	0	12.9		
						8	2	89	1		11	72	17						5		
01/10/73	5101					43	8.2	328	2.7	0	232	401	140	25.0	1.85	13.0	1074	140			
	5101	7.6	1721			2.15	.67	14.27	.07	.00	3.80	8.35	3.95	.40		--	1044	0	12.0		
						13	4	83			23	51	24	2							
01/10/73	5101					.8	.3	320	2.1	0	97	450	108	.7	.52	1.0	943	4			
	5101	8.0	1486			.04	.02	13.92	.05	.00	1.59	9.37	3.05	.01		--	930	0	77.5		
								99			11	87	22								
12/13/72	5101					260	50	155	2.5	0	298	505	280	.3	.17	.5	1644	855			
	5101	7.8	2247			12.97	4.11	6.74	.06	.00	4.88	10.51	7.90	.00		--	1399	610	2.3		
						54	17	28			21	45	34								
01/11/73	5101					143	20	111	3.3	0	283	290	94	1.3	.12	.8	838	439			
	5101	7.0	1346			7.14	1.64	4.83	.08	.00	4.64	6.04	2.65	.02		--	802	207	2.3		
						52	12	35	1		35	45	20								
12/13/72	5101					48	8.9	48	4.5	0	194	52	30	4.8	.07	.3	444	156			
	5101	7.4	518			2.40	.73	2.09	.12	.00	3.18	1.08	.85	.08		--	292	0	1.7		
						45	14	39	2		61	21	16	2					7		
12/13/72	5101					43	13	53	5.0	0	208	55	340	1.4	.14	.3	399	159			
	5101	7.7	541			2.15	1.07	2.31	.13	.00	3.41	1.15	9.59	.02		--	613	0	1.8		
						38	19	41	2		24	8	68						5		

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER					MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	PERCENT	REACTANCE	VALUE	SO4	CL	NO3	SIO2	TOS SUM	TH NCH	5AR	
LAMONTAN DRAINAGE PROVINCE																				
MOJAVE HYDRO UNIT																				
UPPER MOJAVE HYDRO SUBUNIT																				
12/13/72	W-28 W-28.B 06N/04W-29M01	5	5101	7.1	410	2.64	.82	2.57	.11	.00	223	.61	39	3.1	.11	.4	425	174	1.9	T
	5101					43	13	42	2		60	21	16	1		--	339	0		
01/11/73	06N/04W-29P01	5	5101	8.0	460	2.15	.75	1.70	.08	.00	179	.45	28	7.4	.11	.4	297	145	1.4	
	5101					46	16	36	2		61	20	17	3		--	263	0		
12/13/72	06N/04W-30004	5	5101	7.6	1946	6.29	2.14	12.62	.05	.00	211	626	145	7.5	.31	.7	1507	421	6.1	E
	5101					30	10	60			17	63	20	1		--	1326	249		
12/13/72	06N/04W-32H01	5	5101	8.0	228	8.3	2.7	34	--	.00	102	7.4	7.0	3.5	.01	.2	256	32	2.6	E
	5101					.41	.22	1.48			1.67	.15	.20	.06		--	113	0		T
	5101					19	10	70			80	7	10	3						
01/08/73	06N/05W-08F01	5	5101	7.6	464	5.0	3.1	86	.9	.00	112	105	6.0	3.0	.06	.5	177	25	7.4	T
	5101					.25	.25	3.74	.02		1.84	2.19	.17	.05		--	244	0		
	5101					6	6	88			43	52	4	1						
01/08/73	06N/05W-28E01	5	5101	7.5	537	442	9.8	51	3.4	.00	177	.78	30	1.6	.10	.5	259	149	0.7	TC
	5101					22.06	.81	2.22	.09		2.90	1.62	.85	.03		--	703	999		S
	5101					88	3	9			54	30	16	1						
01/08/73	06N/05W-29J02	5	5101	7.7	546	47	9.0	51	3.4	.00	187	76	31	1.7	.13	.5	288	155	1.8	
	5101					2.35	.74	2.22	.09		3.06	1.58	.87	.03		--	311	2		
	5101					44	14	41	2		55	29	16	1						
01/11/73	07N/04W-31E01	5	5101	6.7	1623	202	27	92	2.6	.00	211	285	24	3.5	.15	.5	1049	617	1.6	T
	5101					10.08	2.22	4.00	.07		3.46	5.93	.68	.06		--	740	442		S
	5101					62	14	24			34	59	7	1						
01/11/73	07N/04W-31N01	5	5101	7.9	584	19	4.2	101	2.2	.00	203	67	35	1.1	.30	.9	358	65	5.5	
	5101					.95	.35	4.39	.06		3.33	1.39	.99	.02		--	330	0		
	5101					17	6	76	1		58	24	17							
01/11/73	07N/04W-31N02	5	5101	7.3	5051	542	81	500	4.1	.00	283	1086	980	33.0	1.26	.7	3746	1684	5.3	E
	5101					27.05	6.66	21.75	.10		4.64	22.61	27.64	.53		--	3367	1455		
	5101					49	12	39			8	41	50	1						
12/13/72	07N/05W-01K01	5	5101	7.7	757	16	1.1	150	2.4	.00	187	128	51	.7	.88	2.5	559	44	9.8	E
	5101					.80	.09	6.53	.06		3.06	2.66	1.44	.01		--	442	0		T
	5101					11	1	87	1		43	37	20							
MIDDLE MOJAVE HYDRO SUBUNIT																				
01/11/73	08N/04W-12P01	5	5101	8.1	1368	161	16	120	3.0	.00	444	157	137	20.0	.10	.5	859	468	2.4	
	5101					8.03	1.32	5.22	.08		7.28	3.27	3.86	.32		--	832	104		
	5101					55	9	36	1		49	22	26	2						
01/11/73	08N/04W-20A01	5	5101	7.8	6579	451	46	1140	9.6	.00	332	1230	158	34.0	1.35	.8	4881	1313	13.7	E
	5101					22.50	3.78	49.59	.25		5.44	25.61	4.47	.55		--	3234	1043		T
	5101					30	5	65			15	71	12	2						S
01/11/73	08N/04W-21C01	5	5101	6.8	1645	120	20	280	3.0	.00	206	439	141	.4	.25	.7	1055	381	4.5	
	5101					5.99	1.64	8.70	.08		3.38	9.14	3.98	.01		--	1025	213		
	5101					37	10	53			20	55	24							
01/11/73	08N/04W-21R01	5	5101	8.0	1318	102	14	160	2.1	.00	368	220	84	16.8	.26	.8	819	314	3.9	
	5101					5.09	1.15	6.96	.05		6.03	4.58	2.37	.26		--	779	11		
	5101					38	9	53			46	35	18	2						
01/15/73	09N/02W-01F02	5	5101	7.2	521	46	9.5	57	2.4	.00	172	90	32	8.3	.09	.5	343	155	2.0	
	5101					2.30	.78	2.48	.06		2.82	1.87	.90	.13		--	330	13		
	5101					41	14	44	1		49	33	16	2						
01/15/73	09N/02W-06801	5	5101	7.1	430	37	8.0	39	2.6	.00	145	.39	30	2.5	.06	.5	236	124	1.5	
	5101					1.85	.66	1.70	.07		2.38	.81	.85	.04		--	229	7		
	5101					43	15	40	2		58	20	21	1						
01/15/73	09N/02W-17E01	5	5101	7.6	771	33	7.9	131	3.0	.00	192	155	61	3.8	.91	3.0	514	114	5.3	
	5101					1.65	.65	5.70	.08		3.15	3.23	1.72	.06		--	490	0		
	5101					20	8	71	1		39	40	21	1						
01/15/73	09N/03W-01J01	5	5101	7.3	408	60	9.4	59	3.0	.00	248	.63	39	8.5	.11	.5	344	188	1.9	
	5101					2.99	.77	2.57	.08		3.93	1.31	1.10	.14		--	360	0		
	5101					47	12	40	1		61	20	17	2						
01/15/73	09N/03W-24J01	5	5101	7.4	640	35	7.8	88	3.0	.00	201	.86	45	.6	.25	1.1	383	120	3.5	
	5101					1.75	.64	3.83	.08		3.29	1.79	1.27	.01		--	364	0		
	5101					28	10	61	1		52	28	20							

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					MILLIGRAMS PER LITER					REM		
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	PERCENT REACTANCE VALUE	B	F	TDS SUM	TH MCM		SAR	
				LAMONTAN DRAINAGE PROVINCE																	
				MOJAVE HYDRO UNIT																	
				MIDDLE MOJAVE HYDRO SUBUNIT																	
				W-28																	
				W-28.C																	
01/15/73	5101					18	4.9	127	3.0	0	167	130	48	6.0	.67	2.0	408	66			
	5101	7.6	703	.90	.40	5.52	.08	.00	2.74	2.71	1.35	.10				420	0	6.8			
				13	6	80	1		40	39	20	1									
01/15/73	5101					174	30	139	3.9	0	189	503	129	6.9	.22	.6	1130	557			
	5101	7.3	1592	6.68	2.47	6.05	.10	.00	3.10	10.47	3.64	.11				1079	403	2.6			
				50	14	35	1		18	60	21	1									
01/15/73	5101					34	6.6	44	1.0	0	165	46	23	1.0	.03	.5	203	111			
	5101	6.8	390	1.70	.54	1.91	.05	.00	2.70	.96	.65	.02				230	0	1.8			
				40	13	45	1		82	22	15										
01/15/73	5101					51	11	101	2.9	0	170	133	81	4.9	.38	.7	495	172			
	5101	7.5	805	2.54	.90	4.39	.07	.00	2.79	2.77	2.28	.08				469	33	3.3			
				32	11	56	1		35	35	29	1									
01/15/73	5101					25	6.2	51	2.5	0	131	43	40	.0	.12	.7	250	98			
	5101	7.5	417	1.25	.51	2.22	.06	.00	2.15	.90	1.13	.00				232	0	2.4			
				31	13	55	1		51	22	27										
01/15/73	5101					60	11	53	2.6	0	170	95	56	5.2	.12	.5	369	197			
	5101	7.2	629	2.99	.90	2.31	.07	.00	2.79	1.98	1.58	.08				367	55	1.7			
				48	14	37	1		43	31	25	1									
				W-28.0																	
				W-28.02																	
				325/43E-28001																	
				HARPER HYDRO SUBUNIT																	
				HARPER HYDRO SUBAREA																	
11/10/72	5101					40	6.5	20	5.7	0	121	302	113	.8	2.40	2.3	756	125			
	5101	7.7	1133	2.00	.53	.87	.15	.00	1.90	6.29	3.19	.01				550	28	0.8		TC	
				56	15	25	4		17	55	28									S	
04/19/73	5101					39	5.7	192	5.3	0	123	300	97	.3	2.00	1.5	763	121			
	5101	7.7	1145	1.95	.47	0.35	.14	.00	2.02	6.25	2.74	.00				702	20	7.6			
				18	4	77	1		18	57	25										
04/19/73	5101					140	17	615	13	0	172	255	1075	12.0	2.30	.5	2382	418			
	5101	7.5	3817	6.99	1.40	26.75	.33	.00	2.82	5.31	30.32	.19				2214	279	13.1		S	
				20	4	75	1		7	14	78										
04/19/73	5101					60	15	300	7.0	0	145	287	325	2.4	1.20	.9	1133	210			
	5101	7.5	1908	2.99	1.23	13.05	.18	.00	2.38	5.98	9.17	.04				1069	92	9.0			
				17	7	75	1		14	34	52										
				W-28.E																	
				LOWER MOJAVE HYDRO SUBUNIT																	
02/27/73	5101					40	6.0	55	2.0	0	199	37	31	.4	.14	.6	287	127			
	5101	7.2	484	2.00	.56	2.39	.05	.00	3.26	.77	.87	.01				270	0	2.1			
				40	11	48	1		68	16	18										
02/27/73	5101					42	6.4	55	2.0	0	199	36	31	4.2	.17	.5	293	131			
	5101	7.5	484	2.10	.53	2.39	.05	.00	3.26	.75	.87	.07				275	0	2.1			
				41	10	47	1		66	15	18	1									
02/27/73	5101					125	19	114	4.6	0	240	270	102	29.0	.61	.5	800	388			
	5101	7.4	1222	6.24	1.56	4.96	.12	.00	3.93	5.62	2.88	.47				782	194	2.5			
				48	12	39	1		30	44	22	4									
02/27/73	5101					92	16	121	4.3	0	342	137	82	20.0	.50	.5	651	294			
	5101	7.6	1072	4.59	1.32	5.26	.11	.00	5.61	2.85	2.31	.32				641	15	3.1			
				41	12	47	1		51	26	21	3									
02/24/73	5101					108	16	160	3.8	0	422	168	116	7.4	.66	.4	823	336			
	5101	7.3	1290	5.39	1.32	6.96	.10	.00	6.92	3.50	3.27	.12				787	0	3.8			
				39	10	51	1		50	25	24	1									
02/27/73	5101					27	6.7	42	1.7	0	153	25	21	2.5	.05	.6	236	94			
	5101	7.4	375	1.35	.55	1.83	.04	.00	2.51	.52	.59	.04				201	0	1.9			
				36	15	49	1		69	14	16	1									
02/27/73	5101					73	12	122	3.3	0	320	129	76	14.0	.24	.5	643	231			
	5101	7.4	1013	3.64	.99	5.31	.08	.00	5.24	2.69	2.14	.23				587	0	3.5			
				36	10	53	1		51	26	21	2									
02/27/73	5101					34	5.5	92	2.9	0	165	93	55	2.1	.77	.6	389	108			
	5101	7.8	622	1.70	.45	4.00	.07	.00	2.70	1.94	1.55	.03				366	0	3.9			
				27	7	64	1		43	31	25										
02/27/73	5101					124	19	114	4.2	0	364	192	93	1.9	.29	.4	747	387			
	5101	7.2	1089	6.19	1.56	4.96	.11	.00	5.97	4.00	2.82	.03				727	89	2.5			
				48	12	39	1		47	32	21										



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER											MILLIGRAMS PER LITER					REM		
				PERCENT REACTANCE VALUE											PERCENT REACTANCE VALUE							
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	8	F	105	TH	SAR					
				LAHONTAN DRAINAGE PROVINCE																		
				MOJAVE HYDRO UNIT																		
				LOWER MOJAVE HYDRO SUBUNIT																		
02/27/73	W-28 W-28.E S101			09N/01W-10G01	S	7.2	1701	6.19	26	225	4.7	0	445	353	135	5.3	.43	.0	1091	416	4.8	
									34	12	54	1	.00	7.29	7.35	3.01	.09		1092	52		
02/27/73	S101			09N/01W-10G02	S	7.3	1101	5.49	110	22	111	3.9	0	322	222	90	2.3	.16	.5	738	364	2.5
									45	15	39	1	.00	5.20	4.62	2.54	.04		720	101		
02/27/73	S101			09N/01W-13H01	S	7.5	1072	3.99	80	14	137	3.8	0	203	157	110	7.4	.50	.6	654	258	3.7
									36	10	53	1	.00	4.64	3.27	3.10	.12		649	25		
02/27/73	S101			09N/01W-13H02	S	7.5	704	2.89	58	9.2	80	3.2	0	213	80	48	3.3	.27	.4	404	183	2.6
									40	11	48	1	.00	3.49	1.67	1.92	.05		407	8		
01/26/73	W-28.F W-28.F2 S101			TROY HYDRO SUBUNIT TROY HYDRO SUBAREA	S	7.0	404	1.25	25	7.2	53	2.2	0	175	31	27	1.0	.25	.6	319	89	E
									30	14	55	1	.00	2.87	.65	.76	.02		233	0	2.4	
04/24/73	1200 S101			09N/04E-17N01	S	7.2	2404	10.23	205	16	320	1.9	0	230	622	325	11.0	2.70	.9	1641	577	5.9
									40	5	55		.00	3.77	12.95	9.17	.18		1425	309		

TABLE E-1 (CONT)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL ANALYSES OF GROUND WATER													TDS SUM	TH MCM	SAP	RE W
				MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER								
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	SI02	PERCENT REACTANCE VALUE				
COLORADO R. BASIN DRAINAGE PROV LUCERNE HYDRO UNIT																				
X X-01																				
03N/01E-03F01 5																				
11/21/72	5101			41	23	19	1.5	0	242	23	7.0	3.2	.05	.7	274	194				
	5101	7.8	471	2.05	1.89	.03	.04	.00	3.97	.40	.22	.05	--	--	230	0	0.6			
				43	39	17	1		84	10	5	1								
04/24/73	5101			42	21	20	1.6	0	250	20	6.0	3.4	.00	.6	192	191				
	5101	7.7	607	2.10	1.73	.07	.04	.00	4.10	.42	.23	.05	--	--	239	0	0.6			
				44	36	18	1		85	9	5	1								
04N/01E-01R02 5																				
11/21/72	5101			27	3.6	210	5.5	0	123	255	114	2.4	.76	3.6	603	01				
	5101	8.8	1114	1.35	.30	9.14	.14	.00	2.02	5.31	3.21	.04	--	--	679	0	10.1			
				12	3	64	1		19	50	30									
04/16/73	5101			27	3.6	214	4.7	0	126	255	125	2.5	.70	3.9	725	03				
	5101	8.0	1274	1.35	.30	9.31	.12	.00	2.07	5.31	3.53	.04	--	--	695	0	10.3			
				12	3	64	1		19	48	32									
04N/01E-06H01 5																				
10/30/72	5101			94	38	71	2.4	0	290	206	61	3.0	.23	.3	601	309				
	5101	7.8	993	4.69	3.13	3.09	.06	.00	4.75	4.29	1.72	.05	--	--	610	154	1.6			
				43	29	28	1		44	40	16									
04/13/73	5101			32	64	79	2.3	0	327	168	39	6.1	.19	.3	621	339				
	5101	7.8	895	1.60	5.26	3.44	.08	.00	5.36	3.50	1.10	.13	--	--	553	75	1.9			
				15	51	33	1		53	35	11	1								
04N/01E-06Q01 5																				
10/30/72	5101			108	49	56	2.4	0	153	329	88	4.9	.07	.7	720	470				
	5101	7.7	1109	5.39	4.03	2.44	.08	.00	2.51	6.85	2.48	.08	--	--	713	346	1.1			
				45	34	20	1		21	57	21	1								
04/13/73	5101			117	51	60	2.7	0	165	353	84	5.9	.09	.6	954	500				
	5101	7.5	1181	5.04	4.19	2.61	.07	.00	2.70	7.35	2.37	.10	--	--	755	367	1.2	E		
				46	33	21	1		22	59	19	1								
04N/01E-09A01 5																				
04/16/73	5101			54	21	35	1.8	0	123	152	25	1.9	.02	.4	418	220				
	5101	8.0	602	2.69	1.73	1.52	.05	.00	2.02	3.16	.71	.03	--	--	351	120	1.0			
				45	29	25	1		34	53	12	1								
04N/01E-12N01 5																				
11/21/72	5101			46	37	62	3.8	0	119	137	113	8.1	.02	.6	477	265				
	5101	7.7	830	2.30	3.04	2.70	.10	.00	1.95	2.85	3.19	.13	--	--	465	170	1.7			
				28	37	33	1		24	35	39	2								
04/16/73	5101			40	37	67	4.0	0	119	151	119	9.3	.00	.6	464	271				
	5101	7.7	930	2.40	3.04	2.91	.10	.00	1.95	3.14	3.36	.15	--	--	494	175	1.8			
				28	36	34	1		23	37	39	2								
04N/01E-32A01 5																				
11/21/72	5101			39	22	62	12	0	281	66	19	.3	.11	.9	380	188				
	5101	7.6	657	1.95	1.81	2.70	.31	.00	4.61	1.37	.54	.00	--	--	359	0	2.0			
				29	27	40	5		71	21	8									
04/24/73	5101			37	22	63	13	0	283	66	24	.0	.13	.9	306	180				
	5101	7.9	657	1.85	1.81	2.74	.33	.00	4.64	1.37	.68	.00	--	--	364	0	2.0			
				27	27	41	5		69	20	10									
04N/02E-07N01 5																				
11/21/72	5101			81	47	105	6.0	0	99	317	156	1.7	.21	.9	823	394				
	5101	7.8	1263	4.04	3.87	4.57	.15	.00	1.62	6.60	4.40	.03	--	--	763	315	2.3			
				32	31	36	1		13	52	35									
04/16/73	5101			78	46	114	6.7	0	99	308	165	1.3	.16	.7	878	382				
	5101	8.1	1250	3.89	3.78	4.96	.17	.00	1.62	6.41	4.65	.02	--	--	768	303	2.5	E		
				30	30	39	1		13	50	37									
04N/02E-17E01 5																				
11/21/72	5101			37	19	56	3.3	0	121	99	45	32.0	.04	.8	334	170				
	5101	7.6	599	1.85	1.56	2.44	.08	.00	1.98	2.06	1.27	.52	--	--	351	72	1.9			
				31	26	41	1		34	35	22	9								
04/16/73	5101			35	22	57	3.5	0	128	107	46	35.0	.06	.7	436	178				
	5101	7.5	608	1.75	1.81	2.48	.09	.00	2.10	2.23	1.30	.56	--	--	368	72	1.9	E		
				29	30	40	1		36	36	21	9								
05N/01E-17C02 5																				
11/20/72	5101			189	9.6	910	15	0	254	691	1176	.3	3.00	2.6	3092	510				
	5101	7.5	4926	9.43	.79	39.59	.38	.00	4.16	14.39	33.16	.00	--	--	3119	303	17.5			
				19	2	79	1		8	28	64									
04/16/73	5101			187	9.9	910	12	0	92	694	1230	.3	3.40	2.6	3098	507				
	5101	7.9	5128	9.33	.81	39.59	.31	.00	1.51	14.45	34.69	.00	--	--	3092	432	17.6			
				19	2	79	1		3	29	68									
05N/01E-17001 5																				
04/16/73	5101			299	72	684	7.8	0	73	655	1250	.3	1.20	1.5	3082	1039				
	5101	6.8	4031	14.92	5.92	29.75	.20	.00	1.20	13.64	35.25	.00	--	--	3085	983	9.2			
				29	12	59			2	27	70									
05N/01E-17002 5																				
10/31/72	5101			241	69	570	7.5	0	85	579	1044	2.0	1.23	3.3	2723	882				
	5101	7.3	4167	12.03	5.67	24.88	.19	.00	1.39	12.05	29.44	.03	--	--	2554	816	8.3			
				28	13	58			3	28	69									
05N/01E-19P01 5																				
10/31/72	5101			264	137	128	4.8	0	121	160	882	1.7	.10	.3	2141	1217				
	5101	7.6	3378	13.17	11.27	5.57	.12	.00	1.98	3.33	24.87	.03	--	--	1637	1124	1.6	T		
				44	37	18			7	11	82									
04/16/73	5101			264	118	131	4.2	0	126	163	830	2.5	.02	.4	2306	1141				
	5101	7.8	2907	13.17	9.70	5.70	.11	.00	2.07	3.39	23.41	.04	--	--	1575	1041	1.7	E		
				46	34	20			7	12	81									

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH	SAR			
																		PERCENT REACTANCE VALUE	PERCENT REACTANCE VALUE	
COLORADO R. BASIN DRAINAGE PROV LUCERNE HYDRO UNIT																				
X X-01																				
04/13/73	5101 5101		7.9	2941	14.02 47	124 34	131 19	4.8 .12	0 .00	114 6	152 10	900 83	2.0 .03	.00	.4 --	2120 1651	1206 1118	1.6	E T	
10/31/72	5101 5101		7.8	10638	19.41 19	389 3	42 3	1856 80.74 78	6.1 .16	0 .00	92 1	821 16	3028 82	.9 .01	8.00 --	1.2 --	6648 6196	1141 1068	23.9	
04/16/73	5101 5101		8.0	10638	23.95 19	480 3	44 3	2240 97.44 77	64 1	0 .00	119 2	1330 22	3450 77	2.5 .04	7.00 --	3.1 --	7754 7676	1378 1282	26.2	E
10/31/72	5101 5101		7.5	1965	39.72 82	796 12	69 6	72 3.13 6	3.2 .08	0 .00	107 9	174 19	466 70	9.9 .16	.09 --	.4 --	1337 1643	771 2184	0.7	TC S
04/13/73	5101 5101		8.0	1838	9.68 52	194 30	68 30	75 3.26 18	2.9 .07	0 .00	102 9	225 25	440 66	11.0 .18	.02 --	.4 --	1577 1066	763 681	1.2	E T
10/31/72	5101 5101		7.9	1513	4.04 34	81 34	46 34	94 4.09 34	2.4 .06	0 .00	203 28	160 3.33 28	191 5.39 45	2.0 .03	.20 --	.6 --	683 676	392 225	2.1	C
04/16/73	5101 5101		8.1	946	4.04 44	81 24	27 24	64 2.78 31	2.3 .06	0 .00	140 25	133 30	146 45	1.9 .03	.00 --	.4 --	717 524	314 199	1.6	E T
10/30/72	5101 5101		8.0	1866	6.69 36	134 36	110 48	65 2.83 15	3.6 .09	0 .00	165 15	441 9.18 50	225 6.35 34	12.0 .19	.13 --	.6 --	1211 1072	783 653	1.0	
04/16/73	5101 5101		8.1	1408	5.79 39	116 39	79 43	61 2.65 18	3.3 .08	0 .00	170 18	334 46	190 35	10.0 .16	.05 --	.5 --	1175 877	615 475	1.1	E T
10/30/72	5101 5101		7.7	966	4.89 47	98 47	36 29	56 2.44 24	1.8 .05	0 .00	172 27	289 6.02 58	50 1.41 14	4.1 .07	.05 --	.5 --	688 620	389 252	1.2	E
04/13/73	5101 5101		8.1	735	3.29 43	66 29	27 29	48 2.09 1	1.6 .04	0 .00	157 33	187 3.89 50	45 1.27 16	1.2 .02	.05 --	.4 --	572 453	273 147	1.3	E T
10/30/72	5101 5101		7.8	690	2.79 40	56 40	21 1.73 25	35 2.35 34	2.2 .06	0 .00	131 31	181 3.77 55	32 .90 13	.4 .01	.07 --	.7 --	458 411	227 119	1.6	
04/13/73	5101 5101		7.7	669	2.69 38	54 38	24 1.97 28	53 2.31 33	2.6 .07	0 .00	150 34	179 3.73 52	36 1.82 14	.7 .01	.08 --	.5 --	492 423	235 110	1.5	E
04/16/73	5101 5101		8.2	1182	3.14 26	63 26	32 22	139 6.85 51	5.2 .13	0 .00	133 18	246 5.12 43	135 3.81 32	48.0 .77	.49 --	1.5 --	882 734	286 180	3.6	
10/30/72	5101 5101		7.2	537	2.00 36	40 36	31 2.55 45	24 1.04 18	1.7 .04	0 .00	232 77	52 1.08 22	2.6 .07 1	.4 .01	.03 --	.7 --	254 246	224 38	0.7	S
04/13/73	5101 5101		7.8	521	1.55 28	31 28	36 2.96 53	24 1.04 19	1.9 .05	0 .00	225 65	55 1.15 20	29 .82 14	2.4 .04	.01 --	.6 --	308 290	223 41	0.7	
10/30/72	5101 5101		7.9	709	2.05 29	41 29	34 2.80 40	48 2.09 30	2.6 .07	0 .00	145 34	119 2.48 35	72 2.03 29	12.0 .19	.05 --	.7 --	383 400	241 124	1.3	
04/13/73	5101 5101		7.9	1403	6.74 41	135 41	79 6.50 40	71 3.09 19	3.5 .09	0 .00	295 29	367 7.64 46	128 3.61 22	39.0 .63	.08 --	.4 --	1200 968	461 420	1.2	E
10/30/72	5101 5101		8.4	1786	1.10 6	22 6	5.9 .49 3	370 16.10 90	5.1 .13	4.8 .16	310 5.08	351 7.31 41	181 5.10 29	.6 .01	.54 --	5.2 --	1132 1093	80 0	18.1	
04/13/73	5101 5101		8.2	1821	1.00 6	20 6	6.2 .51 3	378 16.44 91	4.8 .12	0 .00	312 5.11	360 7.50 41	195 5.50 30	.4 .01	.62 --	6.9 --	1106 1118	74 0	18.9	
10/30/72	5101 5101		7.3	882	5.24 60	185 60	10 .82 9	61 2.65 30	3.0 .08	0 .00	218 3.57 41	107 2.23 25	70 1.97 22	64.0 1.03	.07 --	.9 --	624 527	305 125	1.5	E
04/13/73	5101 5101		7.6	998	5.24 52	105 52	18 1.48 15	75 3.26 32	3.3 .08	0 .00	213 3.49 35	127 2.64 26	85 2.40 24	98.0 1.58	.18 --	1.2 --	655 416	333 162	1.8	



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER										MILLIGRAMS PER LITER					REM
				PERCENT REACTANCE VALUE										B	F	TDS	TM		
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3		SI02	SUM	NCM	SAR		
COLORADO R. BASIN DRAINAGE PROV																			
LUCERNE HYDRO UNIT																			
X-01																			
04N/01W-11002 5																			
10/30/72	5101		7.8	595	2.10	2.55	1.70	.05	.00	4.92	.96	.39	.14	.08	.3	386	233	1.1	
	5101				33	40	27	1		77	15	6	2			330	0		
04/13/73	5101		8.0	587	2.15	2.38	1.70	.04	.00	4.80	.98	.39	.15	.08	.4	325	225	1.1	
	5101				34	38	27	1		76	16	6	2			327	0		
04N/01W-14004 5																			
10/30/72	5101		8.0	452	2.20	1.81	.65	.05	.00	3.85	.52	.25	.06	.03	.1	289	199	0.5	
	5101				47	38	14	1		82	11	5	1			236	8		
04/13/73	5101		8.1	439	1.30	2.71	.65	.05	.00	3.85	.62	.28	.06	.02	.3	298	197	0.5	
	5101				28	58	14	1		80	13	6	1			236	8		
04N/01W-18E01 5																			
10/30/72	5101		7.7	1786	5.94	5.18	8.27	.17	.00	4.41	13.14	2.00	.10	3.20	1.1	1358	556	E	
	5101				30	26	42	1		22	67	10	1			1222	336	3.5	
04/13/73	5101		7.7	1520	3.84	3.21	9.31	.14	.00	3.65	11.20	1.83	.01	2.70	1.1	1087	352	E	
	5101				23	19	56	1		22	67	11				1052	170	5.0	
05N/01W-01L01 5																			
11/21/72	5101		7.5	2625	9.08	1.97	12.70	.11	.00	1.56	2.17	20.05	.27	.60	1.0	1671	554	5.4	
	5101				38	8	53			6	9	83	1			1382	475		
04/16/73	5101		7.9	4348	15.82	2.22	24.49	.13	.00	1.51	2.91	38.21	.26	.99	.9	3442	901	E	
	5101				37	5	57			4	7	89	1			2469	827	T	
X-02																			
JOHNSON HYDRO UNIT																			
04N/02E-25J015 5																			
04/24/73	5101		7.3	1093	5.04	2.22	2.87	.15	.00	4.38	4.81	1.33	.01	.23	.5	689	385	1.5	
	5101				49	22	28	1		42	46	13				610	144		
04/24/73	5101		7.8	1170	4.44	2.71	5.05	.11	.00	2.15	7.20	2.88	.03	.24	.4	732	358	2.7	
	5101				36	22	41	1		18	59	23				757	250		
04/24/73	5101		7.8	1290	4.69	3.13	5.52	.13	.00	2.15	7.70	3.41	.09	.26	.4	823	390	2.8	
	5101				35	23	41	1		16	58	26	1			825	284		
11/21/72	5101		7.6	785	2.45	2.38	2.83	.11	.00	1.56	5.08	1.16	.05	.07	.6	533	242	1.8	
	5101				32	31	36	1		20	65	15	1			482	164		
11/21/72	5101		7.6	812	3.94	2.30	2.61	.12	.00	2.10	5.93	.99	.03	.17	.6	620	314	E	
	5101				44	26	29	1		23	66	11				557	207	1.5	
04/24/73	5101		7.2	835	3.54	2.27	2.65	.14	.00	1.87	5.66	.96	.01	.15	.4	464	290	1.6	
	5101				41	26	31	2		22	67	11				527	195		
11/21/72	5101		7.7	936	2.59	2.22	4.48	.12	.00	2.21	5.85	1.02	.05	.25	1.0	600	241	2.9	
	5101				28	24	48	1		24	64	11	1			573	130		
04/24/73	5101		7.9	912	2.89	1.81	4.52	.13	.00	2.18	5.87	1.07	.04	.25	1.1	515	233	3.0	
	5101				31	19	48	1		24	64	12				577	126		
11/21/72	5101		7.5	861	3.19	2.14	3.22	.13	.00	2.07	5.48	1.04	.06	.21	.8	554	243	2.0	
	5101				37	25	37	1		24	63	12	1			535	163		
04/24/73	5101		8.2	929	3.04	1.89	3.48	.14	.00	1.98	5.60	1.13	.02	.19	.7	532	248	2.2	
	5101				36	22	41	2		23	64	13				540	148		
11/21/72	5101		7.5	1422	3.49	4.52	6.31	.12	.00	2.62	7.62	4.40	.06	.22	.9	918	397	3.2	
	5101				24	31	44	1		18	52	30				880	270		
11/21/72	5101		7.8	2941	6.33	11.27	7.44	.20	.00	1.98	8.68	16.02	.40	.22	.9	1803	979	2.4	
	5101				31	41	27	1		7	32	59	1			1553	882		
04/24/73	5101		7.7	2681	1.79	1.37	1.86	.7	.00	1.23	4.14	6.25	.25.0	.19	.8	1830	1005	2.5	
	5101				31	40	28	1		7	30	61	1			1634	910		

TABLE E-1 (CONT.)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN	MILLIGRAMS PER LITER					MILLIGRAMS PER LITER					REN				
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	8		F	TOS SUM	TH NCH	5AR
COLORADO R. BASIN DRAINAGE PROV EMERSON HYDRO UNIT																			
X-05																			
11/21/72	5101 5101		7.6	498	41 19	79 61	45 19	2.7 0.07	0 1	165 2.70	.39 .01	37 1.04	8.1 .13	.06 --	.4 --	280 333	134 293	0.9	C S
04/18/73	5101 5101		8.0	424	34 40	6.7 13	44 45	2.5 1	0 1	167 64	.32 .67	27 1.76	7.5 .12	.09 --	.3 --	288 236	112 0	1.8	
02N/06E-11A01 5																			
11/21/72	5101 5101		7.4	600	37 31	6.2 .51	82 3.57	2.6 .07	0 1	135 2.21	.99 2.06	47 1.33	8.0 .13	.22 --	1.9 --	348 348	117 8	3.3	
04/18/73	5101 5101		8.0	574	35 31	6.7 1.75	75 3.26	3.0 .08	0 1	131 2.15	100 2.08	46 1.30	8.1 .13	.15 --	1.9 --	384 330	114 8	3.0	
02N/06E-18J01 5																			
11/21/72	5101 5101		7.7	353	23 34	4.5 1.15	41 .37	3.1 1.78	0 .08	121 1.98	28 .58	20 .56	5.7 .09	.03 --	.5 --	178 185	76 0	2.0	S
02N/06E-18J015 5																			
04/18/73	5101 5101		7.9	339	23 36	2.6 1.15	40 .21	3.0 1.74	0 .08	126 2.07	27 .56	20 .56	6.1 .10	.06 --	.4 --	226 184	68 0	2.1	
X-08 X-08.A																			
JOSHUA TREE HYDRO UNIT WARREN HYDRO SUBUNIT																			
01N/05E-35P01 5																			
11/21/72	5101 5101		7.2	263	21 1.05 45	3.6 .30 13	22 .96 41	1.1 .03 1	0 0.00	99 1.62 71	10 .21 9	11 .31 14	9.0 .15 7	.05 --	.3 --	169 126	68 0	1.2	T
04/18/73	5101 5101		7.9	283	24 1.20 42	4.3 .35 12	30 1.31 45	.9 .02 1	0 0.00	123 2.02 69	12 .25 9	15 .42 14	15.0 .24 8	.03 --	.3 --	94 162	77 0	1.5	E T
015/06E-19A01 5																			
11/22/72	5101 5101		7.7	340	41 2.05 60	11 .90 26	9.4 .41 12	2.3 .06 2	0 0.00	160 2.62 76	27 .56 16	6.9 .19 6	3.6 .06 2	.02 --	.5 --	225 180	149 17	0.3	
X-08.B																			
COPPER MOUNTAIN HYDRO SUBUNIT																			
01N/06E-25N01 5																			
11/21/72	5101 5101		7.5	264	16 .80 30	4.6 .38 14	33 1.44 54	1.9 .05 2	0 0.00	112 1.84 68	12 .25 9	15 .42 16	11.0 .18 7	.07 --	.5 --	166 149	58 0	1.9	E
04/18/73	5101 5101		7.9	295	14 .70 26	5.2 .43 16	33 1.44 54	3.6 .09 3	0 0.00	112 1.84 69	11 .23 9	14 .39 15	12.0 .19 7	.01 --	.4 --	192 140	57 0	1.9	T
01N/07E-10N01 5																			
11/09/72	5101 5101		7.6	276	14 .70 27	4.2 .35 13	35 1.52 58	1.4 .04 2	0 0.00	114 1.87 75	5.9 .12 5	11 .31 12	13.0 .21 8	.05 --	.8 --	160 141	52 0	2.1	
04/18/73	5101 5101		7.0	252	17 .85 33	1.8 .15 6	35 1.52 59	1.4 .04 2	0 0.00	114 1.87 74	7.4 .15 6	10 .28 11	14.0 .23 9	.04 --	.5 --	59 143	50 0	2.2	E T
X-09 X-09.A																			
DALE HYDRO UNIT TWENTYNINE PALMS HYDRO SUBUNIT																			
01N/08E-09L01 5																			
11/09/72	5101 5101		7.8	941	56 2.79 32	11 .90 10	111 4.83 56	4.5 .12 1	0 0.00	123 2.02 24	236 4.91 57	52 1.47 17	12.0 .19 2	.27 --	3.0 --	600 543	184 84	3.6	
04/18/73	5101 5101		7.8	822	57 2.84 33	8.5 .70 8	114 4.96 58	3.8 .10 1	0 0.00	121 1.98 23	235 4.89 58	51 1.44 17	12.0 .19 2	.14 --	2.8 --	443 541	177 78	3.7	
01N/09E-20A01 5																			
11/09/72	5101 5101		7.6	321	15 .75 29	2.0 .16 6	38 1.65 63	1.4 .04 2	0 0.00	109 1.79 75	8.6 .18 8	9.8 .28 12	9.3 .15 6	.14 --	1.3 --	152 138	45 0	2.4	C S
04/17/73	5101 5101		7.7	324	12 .60 24	1.0 .08 3	42 1.83 72	1.6 .04 2	0 0.00	114 1.87 72	6.7 .14 5	15 .42 16	10.0 .16 6	.19 --	1.1 --	194 145	34 0	3.1	TC
01N/09E-31A01 5																			
04/18/73	5101 5101		7.8	342	12 .60 23	3.1 .25 10	40 1.74 66	1.5 .04 2	0 0.00	117 1.92 74	9.4 .20 8	11 .31 12	11.0 .18 7	.14 --	1.2 --	165 146	42 0	2.7	C
01N/09E-31A02 5																			
11/09/72	5101 5101		8.1	242	6.8 .34 15	1.3 .11 5	40 1.74 78	1.4 .04 2	0 0.00	97 1.59 73	.10 .21 10	13 .37 17	.7 .01	.11 --	1.1 --	161 121	22 0	3.7	T
X-09.B																			
DALE HYDRO SUBUNIT																			
01N/10E-14N02 5																			
11/09/72	5101 5101		7.9	2262	30 1.50 7	2.8 .23 1	456 19.84 91	7.6 .19 1	0 0.00	123 2.02 10	593 12.35 58	240 6.77 32	2.3 .04	2.40 --	11.0 --	1436 1395	87 0	21.3	
04/17/73	5101 5101		8.0	2217	26 1.30 6	2.6 .21 1	450 19.58 92	8.1 .21 1	0 0.00	121 1.98 9	584 12.16 58	240 6.77 32	2.0 .03	2.10 --	9.5 --	1404 1374	74 0	22.5	

TABLE E-1 (CONT.)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT				MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCH	SAR	
MINERAL ANALYSES OF GROUND WATER																			
X X-09 X-09.B COLORADO R. BASIN DRAINAGE PROV DALE HYDRO UNIT DALE HYDRO SUBUNIT																			
04/17/73	5101 5101		6.0	321	10 .50 18	2.6 .21 7	40 2.09 74	1.6 .04 1	0 .00 1	126 2.07 74	8.6 .18 6	13 .37 13	12.0 .19 7	.21	1.2 --	189 156	36 0	3.5	
X-19 X-19.A WHITWATER HYDRO UNIT MORONGO HYDRO SUBUNIT																			
04/10/73	5101 5101		7.1	870	86 4.29 45	20 1.64 17	77 3.35 35	6.4 .16 2	0 .00 2	305 5.00 54	160 3.33 36	33 .93 10	3.7 .06 1	.04	.5 --	411 536	297 47	1.9	E
11/21/72	5101 5101		7.8	497	52 2.59 36	13 1.07 15	77 3.35 47	6.2 .16 2	0 .00 2	283 4.64 64	88 1.83 25	25 .71 10	1.0 .02	.07	.5 --	439 401	184 0	2.5	
04/10/73	5101 5101		7.5	687	54 2.69 38	12 .99 14	76 3.31 46	5.6 .14 2	0 .00 2	269 4.41 62	88 1.83 26	30 .05 12	.0	.14	.6 --	450 398	184 0	2.4	
11/21/72	5101 5101		7.4	760	60 2.99 38	28 2.30 29	57 2.48 31	6.8 .17 2	0 .00 2	257 4.21 54	143 2.98 39	19 .54 7	.9 .01	.03	.6 --	481 441	244 54	1.5	
04/10/73	5101 5101		7.7	755	82 4.09 52	15 1.23 16	55 2.39 30	6.8 .17 2	0 .00 2	269 4.41 55	146 3.04 38	21 .59 7	1.1 .02	.05	.6 --	522 459	247 46	1.5	
11/21/72	5101 5101		7.8	1074	73 3.64 32	13 1.07 10	148 6.44 57	4.1 .10 1	0 .00 1	199 3.26 30	292 6.08 56	54 1.52 14	4.7 .08 1	.09	.8 --	475 687	237 73	4.2	
04/10/73	5101 5101		8.2	1043	74 3.69 34	12 .99 9	142 6.18 56	4.3 .11 1	0 .00 1	199 3.26 30	290 6.04 55	57 1.61 15	4.7 .08 1	.03	.6 --	734 682	233 71	4.0	E
X-19.C X-19.C2 02S/01E-17F01 SAN GORGONIO HYDRO SUBUNIT SAN GORGONIO HYDRO SUBAREA																			
11/06/72	5103 0305	59.0F 15.0C	8.1	314	34 1.70 56	11 .90 30	8.3 .36 12	2.7 .07 2	0 .00 2	167 2.74 83	22 .46 14	2.8 .04 2	1.0 .02	.02	.4 --	147 164	140 0	0.3	S
05/18/73	5103 0900	58.0F 14.4C	8.3	291	29 1.48 48	14 1.20 39	8.7 .38 12	1.6 .04 2	0 .00 2	154 2.52 81	19 .40 13	6.0 .17 5	1.8 .03 1	.00	.6 --	163 157	134 8	0.3	
11/06/72	5103 0300	60.0F 15.5C	8.1	299	35 1.75 58	11 .90 30	7.4 .32 11	2.7 .07 2	0 .00 2	154 2.52 61	19 .40 13	4.6 .13 4	5.0 .08 3	.04	.3 --	166 160	132 7	0.3	
05/18/73	5103 0845	59 F 15 C	8.2	290	32 1.64 53	13 1.11 36	6.9 .30 10	1.6 .04 2	0 .00 2	148 2.43 77	22 .47 15	8.2 .23 7	2.6 .04 1	.00	.9 --	186 161	139 16	0.3	
09/14/73	5103 1415	60.0F 15.5C	8.2	308	34 1.70 56	12 1.00 33	6.4 .28 9	2.0 .05 2	0 .00 2	153 2.51 80	18 .38 12	7.8 .22 7	2.0 .03 1	.00	.8 --	159 158	135 10	0.2	
08/18/73	5103 1330	60 F 16 C	8.4	299	34 1.74 56	11 .96 31	7.8 .34 11	1.6 .04 2	2.0 .07 2	138 2.26 76	18 .38 13	7.1 .20 7	3.7 .06 2	.00	.6 --	144 155	136 19	0.3	
05/18/73	5103 0800	60.0F 15.5C	8.3	295	49 2.46 79	2.9 .24 8	7.6 .33 11	2.7 .07 2	0 .00 2	152 2.49 79	18 .39 12	6.0 .17 5	7.0 .11 3	.00	.5 --	174 149	136 11	0.3	
09/14/73	5103 1505	61.0F 16.1C	8.2	316	34 1.74 55	13 1.10 34	6.9 .30 9	2.0 .05 2	0 .00 2	153 2.51 78	15 .32 10	10 .30 9	6.5 .10 3	.00	.7 --	177 145	142 17	0.3	
09/14/73	5103 1507	61.0F 16.1C	8.2	308	36 1.82 58	12 1.04 33	5.7 .25 8	2.0 .05 2	0 .00 2	150 2.46 77	14 .31 10	11 .32 10	5.6 .09 3	.00	.8 --	170 162	143 20	0.2	
05/18/73	5103 0815	61 F 16 C	8.3	300	32 1.64 50	14 1.18 36	9.0 .39 12	1.6 .04 1	0 .00 2	154 2.52 76	20 .42 13	9.6 .27 8	6.5 .10 3	.00	.6 --	169 170	141 15	0.3	
09/16/73	5103 1420	61 F 16 C	8.0	499	47 2.39 49	18 1.49 31	22 .96 20	1.2 .03 1	0 .00 2	222 3.64 74	29 .62 13	17 .48 10	11.4 .10 4	.00	.7 --	277 256	194 12	0.7	
11/30/72	5101 5101		7.5	537	41 2.05 38	12 .99 18	55 2.39 44	1.3 .03 1	0 .00 1	218 3.57 43	43 .90 11	131 3.69 45	7.2 .12 1	.00	1.2 --	342 398	153 0	1.9	C S



TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM																
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS	TH	SAR																				
X X-19 X-19.C X-19.C2 03S/01E-07E01																				S	COLORADO R. BASIN DRAINAGE PROV WHITEWATER HYDRO UNIT SAN GORGONID HYDRO SUBUNIT SAN GORGONID HYDRO SUBAREA																	
05/10/73	5103	69	F			35	15	25	.4	3.0	206	8.2	17	7.6	.00	.4	214	160																				
1000	5050	21	C	8.5	388	1.79	1.27	1.12	.01	.10	3.38	.17	.48	.12		--	215	0	0.9																			
						43	30	27		2	80	4	11	3																								
03S/03E-08M01																				S																		
09/29/73	5103	72	F			37	11	27	2.4	3.0	175	10	17	8.0	.00	.0	224	137																				
1500	5050	22	C	8.5	358	1.85	.90	1.17	.06	.10	2.87	.37	.48	.13		--	209	0	1.0																			
						46	23	29	2	3	73	9	12	3																								
X-19.0 X-19.01 03S/04E-22A02																				S	COACHELLA HYDRO SUBUNIT GARNET HILL HYDRO SUBAREA																	
09/20/73	5103	84	F			7.0	.2	67	2.0	0	96	60	22	3.0	.00	.9	217	19																				
1430	5050	29	C	8.1	386	.35	.02	2.91	.05	.00	1.57	1.25	.62	.05		--	208	0	6.8																			
						11	1	87	2		45	36	18	1																								
X-19.02 03S/04E-10J01																				S	MISSION CREEK HYDRO SUBAREA																	
05/08/73	5103	80.0F	F			15	7.1	51	5.5	2.0	154	14	24	4.8	.00	.9	184	68																				
1040	5050	26.6C	C	8.4	351	.77	.58	2.22	.14	.07	2.52	.29	.48	.08		--	200	0	2.7																			
						21	16	60	4	2	69	8	19	2																								
09/20/73	5103	82	F			22	2.0	47	4.0	1.0	151	9.0	24	4.0	.00	1.2	201	61																				
1445	5050	28	C	8.4	371	1.10	.16	2.04	.10	.03	2.47	.19	.68	.06		--	187	0	2.6																			
						32	5	60	3	1	72	6	20	2																								
03S/05E-14M02																				S																		
05/07/73	5103	77.0F	F			30	7.1	243	7.0	0	54	407	116	.4	1.10	9.0	855	100																				
1250	5050	25.0C	C	7.8	1357	1.54	.58	10.60	.18	.00	.89	0.47	3.28	.01		--	840	62	10.3																			
						12	4	82	1		7	67	26																									
03S/05E-18M01																				S																		
12/01/72	5103	66	F			48	9.1	76	7.4	1.0	139	100	22	2.5	.00	1.3	445	159																				
0916	5050	19	C	8.4	468	2.40	.75	3.31	.19	.03	2.28	3.75	.62	.04		--	414	42	2.6																			
						36	11	50	3		34	56	9	1																								
05/08/73	5103	81.0F	F			36	17	77	6.7	0	145	102	20	2.5	.00	1.5	408	146																				
0915	5050	27.2C	C	8.2	455	1.83	1.45	3.35	.17	.00	2.38	3.80	.59	.04		--	415	45	2.6																			
						27	21	49	3		35	56	9	1																								
09/20/73	5103	81	F			43	13	73	6.0	0	143	157	21	3.0	.10	1.8	430	159																				
1245	5050	27	C	8.3	491	2.15	1.07	3.18	.15	.00	2.34	3.27	.59	.05		--	386	44	2.5																			
						33	16	49	2		37	52	9	1																								
03S/05E-18R01																				S																		
12/01/72	5103	78	F			75	16	136	11	0	93	398	48	2.3	.10	.9	777	251																				
0930	5050	26	C	8.3	1131	3.74	1.32	5.92	.28	.00	1.52	0.29	1.35	.84		--	732	177	3.7																			
						33	12	53	2		14	74	12																									
05/08/73	5103	66	F			66	19	147	11	0	96	407	49	1.0	.10	1.2	755	249																				
0945	5050	29	C	8.0	1131	3.33	1.59	6.40	.28	.00	1.57	0.49	1.39	.02		--	750	168	4.1																			
						29	14	55	2		14	74	12																									
09/20/73	5103	80	F			70	18	147	8.0	0	92	412	49	2.0	.10	1.4	771	251																				
1225	5050	27	C	8.2	1490	3.49	1.48	6.39	.20	.00	1.51	0.58	1.38	.03		--	751	173	4.1																			
						30	13	55	2		13	75	12																									
03S/05E-20M01																				S																		
12/01/72	5103	74	F			71	16	125	9.4	1.0	89	358	45	2.3	.10	1.1	714	244																				
0950	5050	23	C	8.4	1065	3.54	1.32	5.44	.24	.03	1.46	7.45	1.27	.04		--	672	149	3.5																			
						34	13	52	2		14	73	12																									
05/07/73	5103	82.0F	F			61	20	125	9.8	0	94	368	42	2.7	.10	1.4	693	239																				
1345	5050	27.8C	C	8.0	1041	3.08	1.65	5.45	.25	.00	1.54	7.67	1.19	.04		--	676	160	3.5																			
						30	16	52	2		15	73	11																									
09/20/73	5103	81	F			65	20	127	8.0	0	93	363	46	7.0	.10	1.6	712	243																				
1215	5050	27	C	8.2	1090	3.24	1.64	5.52	.20	.00	1.52	7.56	1.30	.11		--	682	168	3.5																			
						31	15	52	2		14	72	12	1																								
X-19.03 01S/05E-20M01																				S	MIRACLE HILL HYDRO SUBAREA																	
04/17/73	5101	67	F			6.7	19	2.3	0	177	20	25	49.0	.00	.2	245	195																					
	5101	70	C	8.0	494	3.34	.55	.83	.08	.00	2.90	.42	.71	.79		--	276	50	0.6																			
						4	12	17	1		60	9	15	16																								
02S/05E-14M01																				S																		
09/21/73	5103	80	F			60	21	87	8.6	3.0	181	234	30	6.5	.00	1.2	545	241																				
1210	5050	23	C	8.7	497	3.08	1.79	3.80	.22	.10	2.97	4.87	.86	.10		--	541	86	2.5																			
						34	20	43	3	1	33	55	10	1																								
09/20/73	5103	96	F			54	13	138	6.0	2.0	144	279	50	6.0	.20	1.9	432	189																				
1310	5050	36	C	8.4	1013	2.69	1.07	6.00	.15	.07	2.36	5.01	1.41	.10		--	419	67	4.4																			
						27	11	61	2	1	24	60	14	1																								
03S/05E-10J01																				S																		
05/07/73	5103	75.0F	F			45	8.4	322	8.2	0	47	522	144	.3	1.60	7.5	1128	149																				
1317	5050	23.9C	C	7.7	1753	2.25	.69	14.01	.21	.00	.77	10.87	4.08	.00		--	1076	109	11.6																			
						13	4	82	1		5	89	26																									
09/20/73	5103	81	F			48	4.0	230	8.0	0	46	475	163	.0	1.48	9.5	1138	137																				
1155	5050	27	C	7.9	1847	2.40	.33	10.81	.28	.00	.75	9.89	4.40	.00		--	952	99	8.6																			
						19	3	77	2		5	65	30																									

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER					REM			
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	0	F	TO5	TM	SAP					
				MILLIEQUIVALENTS PER LITER										PERCENT REACTANCE VALUE								
				COLORADO R. BASIN DRAINAGE PROV																		
				WHITEWATER HYDRO UNIT																		
				COACHMELLA HYDRO SUBUNIT																		
				MIRACLE HILL HYDRO SUBAREA																		
05/07/73	5103			76.0F	47	8.9	225	9.4	0	50	420	116	3.2	1.30	8.0	892	155					
1230	5050			24.4C	7.8	1374	2.34	.63	9.88	.24	.00	.95	8.75	3.28	.05	--	860	107	7.9			
					10			75	2		7	67	25									
09/20/73	5103			81 F	37	6.0	241	8.0	0	38	420	112	.0	.80	6.0	855	116					
1105	5050			27 C	7.7	1419	1.85	.49	10.48	.20	.00	.62	8.74	3.16	.00	--	843	86	9.7			
					14			80	2		5	70	25									
				INDIO HYDRO SUBAREA																		
11/04/72	5103			78 F	47	7.5	24	6.3	0	172	39	15	7.7	.00	.9	241	149					
1225	5050			26 C	8.3	403	2.35	.62	1.04	.16	.00	2.82	.81	.42	.12	--	231	8	0.9			
					56			15	25	4		68	19	10	3							
05/15/73	5103			77 F	40	10	27	4.3	0	166	36	12	7.5	.00	1.3	230	143					
0900	5050			25 C	8.3	386	2.03	.82	1.18	.11	.00	2.72	.76	.36	.12	--	221	7	1.0			
					49			20	29	3		69	19	9	3							
09/12/73	5103			80 F	42	6.0	23	4.0	1.0	157	35	11	6.0	.00	1.3	232	129					
1315	5050			27 C	8.4	401	2.10	.49	1.00	.10	.03	2.57	.73	.31	.10	--	205	0	0.9			
					57			13	27	3		69	20	8	3							
09/13/73	5103			68 F	41	5.0	15	2.7	1.0	157	22	9.0	3.0	.00	1.0	182	124					
1000	5050			20 C	8.4	327	2.05	.41	.69	.07	.03	2.57	.46	.25	.05	--	177	0	0.6			
					64			13	21	2	1	76	14	7	1							
09/12/73	5103			78 F	30	17	18	3.0	0	169	25	12	5.0	.00	1.3	190	144					
1445	5050			26 C	8.1	367	1.50	1.40	.78	.08	.00	2.77	.52	.34	.08	--	193	7	0.7			
					40			37	21	2		75	14	9	2							
11/04/72	5103			68 F	40	9.1	17	2.7	0	163	14	15	3.0	.00	.7	205	137					
1245	5050			20 C	8.2	339	2.00	.75	.74	.07	.00	2.67	.29	.42	.05	--	181	4	0.6			
					56			21	21	2		78	8	12	1							
05/16/73	5103			69 F	35	10	16	2.0	0	165	17	11	3.7	.00	1.1	213	134					
1400	5050			21 C	8.3	331	1.79	.86	.73	.05	.00	2.70	.36	.31	.06	--	178	0	0.6			
					52			25	21	1		79	10	9	2							
09/12/73	5103			78 F	46	6.0	24	2.0	0	154	40	17	3.0	.00	.5	266	149					
1400	5050			26 C	8.3	423	2.30	.66	1.04	.05	.00	2.52	.83	.48	.05	--	216	22	0.9			
					57			16	26	1		85	21	12	1							
05/16/73	5103			72 F	50	10	30	4.3	0	182	42	25	14.5	.00	1.0	314	171					
1430	5050			22 C	8.3	478	2.54	.84	1.31	.11	.00	2.98	.89	.71	.23	--	267	20	1.0			
					53			18	27	2		82	19	15	5							
05/16/73	5103			74 F	55	3.2	30	7.8	0	165	46	28	9.8	.00	.5	332	152					
1440	5050			23 C	8.1	500	2.75	.26	1.34	.20	.00	2.70	.98	.79	.16	--	263	16	1.1	7		
					60			6	29	4		58	21	17	3							
09/12/73	5103			78 F	51	13	37	6.0	4.0	196	26	29	10.0	.10	.7	274	180					
1415	5050			26 C	8.5	529	2.54	1.07	1.61	.15	.13	3.21	.54	.82	.16	--	272	14	1.2	S		
					47			20	30	3		66	11	17	3							
11/04/72	5103			78.0F	24	22	32	3.9	0	132	21	5.7	.8	.02	.4	280	68					
1255	5050			25.5C	8.3	270	1.20	1.81	1.39	.10	.00	2.16	.44	.16	.01	--	174	43	1.1	E		
					27			48	31	2		78	16	6						C		
05/16/73	5103			77 F	22	5.5	24	3.9	0	120	22	9.2	1.3	.00	.3	170	79					
1450	5050			25 C	8.1	257	1.11	.45	1.05	.10	.00	1.97	.47	.26	.02	--	148	0	1.2			
					41			17	39	4		72	17	10	1							
09/12/73	5103			78 F	24	2.0	24	4.0	0	124	7.0	18	1.0	.00	.6	149	70					
1420	5050			26 C	8.3	272	1.20	.16	1.04	.10	.00	2.03	.15	.28	.02	--	133	0	1.3			
					48			6	42	4		82	6	11	1							
09/14/73	5103			68 F	33	6.0	18	3.0	0	140	16	9.0	2.0	.10	1.0	145	108					
1300	5050			20 C	8.1	300	1.65	.49	.78	.08	.00	2.29	.33	.25	.03	--	156	0	0.8			
					55			16	26	3		79	11	9	1							
05/15/73	5103			84 F	15	2.4	40	2.0	0	112	16	13	3.5	.00	.6	154	49					
1345	5050			29 C	8.0	259	.77	.20	1.78	.05	.00	1.84	.35	.38	.04	--	150	0	2.6	S		
					28			7	64	2		70	13	14	2							
09/13/73	5103			68 F	18	.7	41	2.0	0	111	15	15	3.0	.10	.9	149	49					
0845	5050			20 C	7.9	272	.90	.06	1.78	.05	.00	1.82	.31	.42	.05	--	149	0	2.6	S		
					32			2	64	2		70	12	16	2							
05/15/73	5103			60.0F	30	3.8	28	4.3	0	130	27	11	5.6	.00	.5	183	92					
1350	5050			15.5C	8.1	323	1.52	.31	1.24	.11	.00	2.13	.57	.33	.09	--	174	0	1.3			
					48			10	39	3		66	18	11	3							
09/13/73	5103			78 F	30	3.0	30	4.0	0	124	25	17	4.0	.10	.7	197	87					
0900	5050			26 C	8.3	309	1.50	.25	1.31	.10	.00	2.03	.52	.48	.06	--	174	0	1.4			
					47			8	41	3		66	17	16	2							

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REMARKS
					CA	Mg	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TO5	TM	SUM	MCH	SAM			
																					PERCENT	REACTANCE	
COLORADO R. BASIN DRAINAGE PROV																							
WHITWATER HYDRO UNIT																							
COACHELLA HYDRO SUBUNIT																							
INDIO HYDRO SUBAREA																							
11/06/72 0945	5103 5050	70	F	8.3	421	49	4.7	31	3.1	0	146	53	25	3.0	.00	.3	271	142	1.1				
						21	C	2.45	.39	1.35	.08	2.39	1.10	.71	.05	241	23						
05/15/73 1500	5103 5050	70	F	8.2	400	42	7.1	27	2.3	0	134	56	23	3.0	.00	.4	274	137	1.0				
						21	C	2.12	.58	1.18	.06	2.20	1.18	.66	.05	228	25						
09/13/73 1515	5103 5050	69	F	8.2	421	43	6.0	32	2.0	0	140	50	23	2.0	.10	.7	252	133	1.2				
						21	C	2.15	.49	1.39	.05	2.29	1.05	.65	.03	227	18						
05/15/73 1330	5103 5050	68.0F 20.0C	8.1	226	1.11	22	5.2	17	2.0	0	102	8.6	11	10.0	.00	.1	148	78	0.9				
						20	C	.43	.75	.05	.00	1.67	.10	.33	.16	127	0						
09/12/73 1620	5103 5050	68	F	8.1	222	23	3.0	31	2.0	0	94	18	12	8.0	.10	.0	134	68	1.6				
						20	C	1.15	.25	1.35	.05	1.54	.37	.34	.13	143	0						
11/04/72 1320	5103 5050	67.0F 19.4C	8.3	440	2.45	49	8.5	25	3.5	0	159	62	15	4.0	.02	.3	241	158	0.9				
						19	C	.70	1.09	.09	.00	2.61	1.29	.42	.04	245	27						
05/16/73 1030	5103 5050	65	F	8.2	429	48	9.5	23	2.3	0	148	66	19	3.9	.00	.4	296	161	0.8				
						18	C	2.41	.78	1.01	.06	2.43	1.39	.56	.06	247	38						
09/12/73 1500	5103 5050	68	F	8.3	349	38	9.0	19	2.0	0	173	12	13	4.0	.00	1.1	198	132	0.7				
						20	C	1.90	.74	.83	.05	2.04	.25	.37	.06	182	0						
11/04/72 1320	5103 5050	67.0F 19.4C	7.8	406	2.40	48	7.0	23	3.5	0	159	58	12	2.0	.02	.3	285	150	0.8				
						19	C	.58	1.00	.09	.00	2.61	1.21	.34	.03	232	19						
05/16/73 1330	5103 5050	67	F	8.3	399	48	11	21	2.3	0	150	62	17	3.4	.00	.3	274	168	0.7				
						19	C	2.40	.93	.93	.06	2.46	1.29	.48	.05	239	44						
09/12/73 1510	5103 5050	68	F	8.4	451	49	10	26	2.0	1.0	148	62	20	4.0	.10	.5	265	161	0.9				
						20	C	2.45	.82	1.13	.05	2.43	1.29	.56	.06	247	41						
09/13/73 1530	5103 5050	67	F	8.3	468	51	11	26	2.0	0	153	58	20	14.0	.10	.6	282	172	0.9				
						19	C	2.54	.90	1.13	.05	2.51	1.21	.56	.23	257	47						
05/15/73 1410	5103 5050	69	F	8.3	525	63	11	25	2.3	0	164	65	23	26.2	.00	.6	349	210	0.8				
						21	C	3.19	.96	1.12	.06	2.69	1.35	.66	.42	299	73						
09/13/73 1525	5103 5050	68	F	8.2	423	43	6.0	29	2.0	0	138	48	23	2.0	.10	.6	252	134	1.1				
						20	C	2.15	.49	1.26	.05	2.26	1.00	.65	.03	221	19						
ANZA-BORREGO HYDRO UNIT																							
BORREGO HYDRO SUBUNIT																							
TERWILLIGER HYDRO SUBAREA																							
07/26/73 1140	5000 5050	64	F	7.5	458	34	13	38	2.0	0	150	17	59	1.0	.10	.9	274	141	1.4				
						18	C	1.70	1.12	1.68	.05	2.46	.36	1.69	.02	240	18						
07/27/73 1145	5000 5050	64	F	7.5	368	30	14	23	2.7	0	115	10	45	19.5	.00	1.7	231	135	0.9				
						18	C	1.51	1.19	1.04	.07	1.88	.21	1.27	.31	203	41						
07/27/73 1155	5000 5050	64	F	7.7	398	33	15	24	2.7	0	128	12	46	19.9	.00	.7	244	148	0.9				
						18	C	1.66	1.29	1.08	.07	2.10	.27	1.32	.32	219	43						
07/25/73 1240	5000 5050	64	F	8.4	307	10	1.2	62	.8	1.0	113	14	30	1.0	.00	3.7	182	30	4.9				
						18	C	.50	1.0	2.70	.02	.03	1.85	.29	.85	.02	176	0					
BORREGO HYDRO SUBAREA																							
10/20/72 5060 5877	X-22 X-22.A X-22.A1 085/03E-01K01	5	8.3	1500	148	27	120	7.3	0	189	386	105	35.0	--	.9	944	480	2.4					
					7.39	2.22	5.22	.19	.00	3.10	8.04	2.96	.56	950	326								
IMPERIAL HYDRO UNIT																							
IMPERIAL HYDRO SUBUNIT																							
11/15/72 1120	5050 5050	77.0F 25.0C	5	500	--	--	--	--	--	--	--	--	58	--	--	.3	--	--	--				
					1.64																		











TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER NITROGEN EQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					RFM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TO5	TH	SAR				
Y Y-01 Y-01.A Y-01.A1 055/11W-29C01 5 SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA																					
07/31/73	4417	70	F		8.0	.5	62	--	4.8	166	--	10	--	--	.7			24			
0955	5999	21	C	6.7	330	.44	.04	2.70	.16	2.72		.30		--	--		0	5.5			
						14	1	85													
05/00/73	5050					1445	179	1379	18	0	2	161	5150	2.0	.00	.6	9146	4391			
	5050			5.3	14410	73.10	14.72	59.99	.46	.00	.03	3.35	145.23	.03	--	--	8355	4393	9.1		
						49	10	40				2	98								
05/00/73	5050					16	3.0	57	1.5	0	146	27	18	.2	.03	.5	180	53			
	5050			7.9	356	.80	.25	2.48	.04	.00	2.39	.56	.51	.00	--	--	195	0	3.4		
						22	7	69	1		69	16	15								
05/00/73	5050					2680	69	21	502	5.6	0	340	1.2	733	18.4	1.33	.4	1531	258		
	5050			8.3	2834	3.44	1.73	21.84	.14	.00	5.57	.02	20.67	.30	--	--	1519	0	13.6		
						13	6	80	1		21		78	1							
05/00/73	5050					1350	121	24	79	4.4	0	118	.0	329	.2	.05	.5	951	403		
	5050	66	F		1317	6.04	1.97	3.44	.11	.00	1.93	.00	9.28	.00	--	--	616	304	1.7		
		19	C	7.6	52		17	30	1		17		83								
05/00/73	5050					2150	104	14	182	22	0	76	68	425	3.3	.15	.5	930	317		
	5050	68	F		1672	5.19	1.15	7.92	.57	.00	1.25	1.42	11.99	.05	--	--	856	255	4.4		
		20	C	7.8	35		8	53	4		8	10	82								
05/00/73	5050					448	1066	8200	264	0	425	2253	14800	20.0	3.50	2.1	27943	5500			
	5050	66	F		38450	22.36	87.67	356.70	6.75	.00	6.97	46.91	417.36	.32	--	--	27263	5157	48.1		
		19	C	7.9	5		19	75	1		1	10	89								
05/00/73	5050					370	38	6.6	38	2.2	0	188	.31	13	.0	.09	.6	214	122		
	5050	68	F		402	1.90	.54	1.65	.06	.00	3.08	.65	.37	.00	--	--	221	0	1.5		
		20	C	8.1	46		13	40	1		75	16	9								
08/03/73	4417					70	12	34	3.1	4.8	214	81	22	4.4	--	.7		226			
	1020	70	F		550	3.52	1.00	1.50	.08	.16	3.51	1.70	.62	.07	--	--	338	43	1.0		
		21	C	8.5	58		16	25	1	3	58	28	10	1							
10/02/72	5102					135	64	214	6.7	--	319	466	194	49.0	.26	.6		403			
	5868			7.2	1960	6.74	5.33	9.31	.17		5.23	9.70	5.47	.79	49.0				3.8		
						31	25	43	1		25	46	26	4							
04/24/73	5102					103	36	132	4.8	--	301	270	113	19.5	.23	.5		406			
	5868			7.2	1250	5.14	2.96	5.74	.12		4.93	5.62	3.19	.31	51.0				2.9		
						37	21	41	1		35	40	23	2							
09/18/73	5134					106	38	140	5.7	0	306	282	115	19.3	.11	.5		421			
	5868			7.1	1345	5.29	3.13	6.89	.15	.00	5.02	5.87	3.24	.31	54.0		911	170	3.0		
						36	21	42	1		35	41	22	2							
10/02/72	5102					75	16	--	--	--	230	--	144	22.3	--	--		254			
	5868			7.4	1200	3.74	1.37	--	--	--	3.77		4.06	.36	--	--					
04/24/73	5102					71	20	153	4.5	--	232	172	146	31.3	.36	.5		261			
	5868			7.4	1120	3.54	1.67	6.86	.12		3.80	3.58	4.12	.50	37.0				4.1		
						30	14	56	1		32	30	34	4							
09/18/73	5134					81	18	150	3.6	0	232	177	143	26.6	.21	.4		278			
	5868			7.3	1210	4.04	1.50	6.53	.09	.00	3.80	3.69	4.03	.43	34.0		748	87	3.9		
						33	12	54	1		32	31	34	4							
10/02/72	5102					131	34	146	5.0	--	275	248	192	39.5	.21	.4		467			
	5868			7.6	1520	6.54	2.85	6.35	.13		4.51	5.16	5.41	.64	49.0				2.9		
						41	18	40	1		29	33	34	4							
04/24/73	5102					117	49	--	--	--	274	--	204	46.2	--	--		496			
	5868			7.3	1540	5.84	4.08	--	--	--	4.49	--	5.75	.75	--	--					
09/18/73	5134					137	31	--	--	0	272	--	189	44.1	--	--		471			
	5868			7.4	1555	6.84	2.60	--	--	.00	4.46	--	5.33	.71	--	--		249			
											42		51	7							
10/05/72	5102					58	11	--	--	--	224	--	77	1.7	--	--		193			
	5868			7.4	760	2.89	.94	--	--	--	3.67	--	2.17	.03	--	--					
05/17/73	5102					58	14	--	--	--	223	--	99	1.7	--	--		203			
	5868			7.2	796	2.89	1.16	--	--	--	3.65	--	2.79	.03	--	--					
09/18/73	5134					59	12	--	--	0	220	--	97	2.1	--	--		199			
	5868			7.1	850	2.94	1.05	--	--	.00	3.61	--	2.74	.03	--	--		19			
											57		43								

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER																					
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	8	F	TDS	TM	5AR			
Y Y-01 Y-01.A Y-01.61 06S/09W-04L02 5 SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT LOWER SANTA ANA R HYDRO SUBUNIT EAST COASTAL PLAIN HYDRO SUBAREA																					
10/02/72	5102 5868				7.1	2580	14.27 48	5.90	220	4.9	13	327	651	332	75.6	.22	.4		1010	3.0	
04/24/73	5102 5868				7.1	2160	12.03 49	4.40	180	4.7	.12	0	295	511	283	64.9	.38	.3	820	2.7	
08/01/73	4417 1050 5999	70 F 21 C	8.2	960		24	.5	207	1.2	87	-.03	229	62	167	---	---	1.3		64	11.3	
05/11/73	5102 5868				8.6	389	8.0 .40	.9	---	---	---	170	---	25	.2	---	---		23		
06S/09W-09A01 5 Y-01.A2 05S/07W-29E01 5 SANTIAGO HYDRO SUBAREA																					
10/10/72	5102 5868				7.0		141 7.04	44	---	---	---	425	---	67	9.9	---	---		535		
04/02/73	5102 5868				7.2	524	2.59 42	2.38	26	1.4	.04	233	87	15	2.1	.09	.1	250	0.7		
09/25/73	5134 5868				7.4	1000	137 6.84	38	---	---	0	439	---	39	1.6	---	---	497	139		
10/18/72	5102 5868				6.9	1385	118 32	32	220	3.5	-.09	305	527	70	.1	.23	.9	429	4.6		
04/02/73	5102 5868				7.0	1176	149 7.44 53	45	66	2.1	-.05	236	430	35	7.0	.17	.4	566	1.2		
Y-01.A3 03S/08W-31F04 5 SANTA ANA NARROWS HYDRO SUBAREA																					
10/31/72	5102 5868				7.7	1275	115 5.74 40	32	129	7.3	-.19	308	251	128	5.5	.28	.5	421	2.7		
04/02/73	5102 5868				7.5	1342	118 5.89	38	---	---	---	271	---	116	3.8	---	---	452			
07/26/73	4417 0845 5999	70 F 21 C	8.1	1260		119	40	117	5.9	-.15	261	423	114	8.9	---	.4	---	464	2.4		
10/31/72	5102 5868				7.6	1615	159 7.93	67	---	---	---	365	---	114	8.3	---	---	674			
04/02/73	5102 5868				7.2	1642	161 8.03 41	70	126	4.0	-.10	432	390	118	36.0	.24	.6	694	2.1		
10/31/72	5102 5868				7.7	1605	181 9.03 48	41	140	7.2	-.10	388	391	145	9.8	---	---	622	2.4		
04/02/73	5102 5868				7.6	1575	163 8.13 47	41	132	7.2	-.18	347	358	146	5.8	.42	.6	577	2.4		
10/31/72	5102 5868				7.7	1385	146 7.29 47	32	126	6.9	-.18	364	266	141	7.7	.39	.6	496	2.5		
04/02/73	5102 5868				7.5	1300	133 6.64 45	31	124	6.7	-.17	349	224	146	8.0	.54	.6	461	2.5		
10/18/72	5102 5868				7.4	835	69 3.44	11	---	---	---	259	---	82	.1	---	---	222			
04/17/73	5102 5868				7.7	843	68 3.39	13	---	---	---	255	---	85	.5	---	---	224			
09/25/73	5134 5868				8.0	740	63 3.14	12	---	---	0	246	---	77	.1	---	---	211	8		

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	F	SIO2	TOS	TM	SAR						
																		PERCENT	REACTANCE	VALUE	8	105	
SANTA ANA DRAINAGE PROVINCE																							
SANTA ANA RIVER HYDRO UNIT																							
LOWER SANTA ANA R HYDRO SUBUNIT																							
SANTA ANA NARROWS HYDRO SUBAREA																							
10/18/72	5102 5868		7.2 1175	126 6.29 47	24 2.00 15	110 4.79 36	7.4 .19 1	--	281 4.61 35	231 4.81 37	120 3.38 26	14.7 .24 2	.20	.5 20.0		415	2.4						
04/17/73	5102 5868		7.5 1155	122 6.09 47	25 2.08 16	107 4.65 36	7.1 .18 1	--	266 4.36 34	221 4.60 36	128 3.61 28	16.1 .26 2	.24	.5 21.0		408	2.3						
09/25/73	5134 5868		7.8 1200	128 6.39 48	25 2.11 16	104 4.52 34	7.0 .18 1	0 .00	284 4.65 36	216 4.50 35	123 3.47 27	19.6 .32 2	.19	.5 22.0	785	425 193	2.2						
10/18/72	5102 5868	035/09W-34M01 5	7.1 1350	146 7.29 49	25 2.06 14	126 5.48 37	7.0 .18 1	--	314 5.15 34	269 5.60 37	144 4.06 27	20.2 .33 2	.23	.5 21.0		467	2.5						
04/17/73	5102 5868		7.4 1290	131 6.54 46	27 2.25 16	122 5.31 37	6.7 .17 1	--	308 5.05 36	234 4.87 35	136 3.84 27	17.1 .28 2	.28	.5 22.0		443	2.5						
09/25/73	5134 5868		7.6 1300	130 6.49	29 2.39	--	--	0 .00	316 5.18 55	--	137 3.86 41	18.3 .30 3	--	--		444 185							
10/31/72	5102 5868	045/09W-01C01 5	7.7 1595	186 9.28	39 3.22	--	--	--	321 5.26	--	169 4.77	6.0 .10	--	--		626							
MIDDLE SANTA ANA RIV HYDR SUBUNIT																							
CHINO HYDRO SUBAREA																							
10/03/72	5101 5101	Y-01.B Y-01.81 01N/06W-25K01 5	7.8 330	96 4.79 82	9.1 .75 13	6.0 .26 4	2.2 .06 1	0 .00	160 2.62 78	22 .46 14	7.8 .22 7	4.8 .08 2	.04	.3	163 227	153 146	0.2	TC 5					
04/09/73	5101 5101	015/05W-06D01 5	8.0 350	43 2.15 66	8.8 .72 22	8.0 .35 11	2.0 .05 2	0 .00	155 2.54 77	23 .48 15	6.0 .17 5	7.0 .11 3	.01	.4	189 174	142 17	0.3						
11/22/72	5101 5101	015/05W-07N01 5	8.1 367	48 2.40 66	9.2 .76 21	9.1 .40 11	2.2 .06 2	0 .00	172 2.82 79	25 .52 15	5.9 .17 5	4.5 .07 2	.04	.4	264 189	158 17	0.3	E T					
04/09/73	5101 5101		7.8 347	44 2.20 68	7.8 .64 20	8.3 .36 11	2.0 .05 2	0 .00	153 2.51 74	26 .54 16	7.0 .20 6	7.3 .12 4	.02	.4	185 178	142 17	0.3						
11/22/72	5101 5101	015/05W-15G01 5	7.8 376	47 2.35 61	11 .90 23	12 .52 14	2.4 .06 2	0 .00	194 3.18 85	19 .40 11	5.9 .17 5	.3 .00	.01	.4	249 193	163 4	0.4	T					
04/09/73	5101 5101		7.8 386	52 2.59 80	1.2 .10 3	11 .48 15	2.3 .06 2	0 .00	199 3.26 80	26 .54 13	7.0 .20 5	6.1 .10 2	.00	.2	285 203	173 0	0.4	E T 5					
11/29/72	5101 5101	015/05W-20D01 5	7.1 487	71 3.54 72	7.0 .58 12	18 .78 16	2.0 .05 1	0 .00	177 2.90 60	18 .37 8	26 .73 15	53.0 .85 18	.00	.2	357 282	205 41	0.5	E T					
11/22/72	5101 5101	015/05W-21801 5	8.0 518	71 3.54 73	6.4 .53 11	17 .74 15	2.4 .06 1	0 .00	189 3.10 62	33 .69 14	16 .45 9	45.0 .73 15	.00	.0	337 284	204 49	0.5						
04/17/73	5101 5101		8.0 505	71 3.54 72	6.7 .55 11	17 .74 15	2.4 .06 1	0 .00	192 3.15 65	32 .67 14	15 .42 9	39.0 .63 13	.00	.2	225 278	204 47	0.5	T					
11/21/72	5101 5101	015/05W-21D01 5	7.9 434	62 3.09 72	6.2 .51 12	15 .65 15	2.3 .06 1	0 .00	182 2.98 69	18 .37 9	18 .51 12	28.0 .45 10	.00	.3	291 239	148 31	0.5						
04/09/73	5101 5101		7.5 428	59 2.94 70	7.2 .59 14	15 .65 15	2.1 .05 1	0 .00	182 2.98 69	20 .42 10	18 .51 12	24.0 .39 9	.02	.2	292 235	173 28	0.5						
04/09/73	5101 5101	015/05W-33A02 5	7.5 516	43 2.15 43	14 1.15 23	37 1.61 32	2.8 .07 1	0 .00	162 2.66 52	18 .37 7	49 1.38 27	42.0 .68 13	.02	.4	347 285	163 32	1.3						
04/09/73	5101 5101	015/05W-34B02 5	7.2 331	47 2.35 68	6.7 .55 16	12 .52 15	1.6 .04 1	0 .00	172 2.82 60	15 .31 9	8.0 .23 7	9.2 .15 4	1.01	.2	263 185	142 4	0.4	E T					
04/09/73	5101 5101	015/05W-34D01 5	7.6 349	47 2.35 69	6.7 .55 16	11 .48 14	1.6 .04 1	0 .00	167 2.74 79	16 .33 10	8.0 .23 7	9.4 .15 4	.00	.2	255 182	140 8	0.4	E T					



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER										MILLIGRAMS PER LITER					REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCH	SAR		
																			PERCENT REACTANCE VALUE	
SANTA ANA OPAINAGE PROVINCE SANTA ANA RIVER HYORO UNIT MIOOLE SANTA ANA RIV HYOR SUBUNIT CHINO HYORO SUBAREA																				
10/03/72	Y-01 Y-01.B Y-01.01 01S/06W-11801	S			53	8.1	10	1.4	0	200	4.6	13	10.5	.00	.3	183	165			
	S101		7.9	378	2.64	.67	.45	.04	.00	3.28	.10	.37	.17	--	199	2	0.3			
	S101				69	18	12	1		84	3	9	4							
03/29/73	S101		8.0	340	2.35	.62	.38	.05	.00	2.70	.52	.23	.09	--	187	24	0.3			
	S101				65	23	11	1		76	15	6	3							
10/03/72	01S/06W-11N01	S	7.7	352	2.45	.72	.34	.05	.00	3.05	.25	.22	.12	.02	.3	165	159	0.3		
	S101				69	20	10	1		84	7	6	3		166	6				
10/03/72	01S/06W-12P02	S	7.9	334	2.35	.71	.28	.05	.00	2.70	.35	.19	.09	.01	.5	141	154	0.2		
	S101				69	21	8	1		81	11	6	3		174	18				
03/29/73	S101		7.9	318	2.10	.68	.35	.05	.00	2.43	.50	.20	.14	.00	.4	209	136	0.3		
	S101				66	21	11	2		74	15	6	4		173	18				
10/03/72	01S/06W-16L01	S	6.9	458	2.25	1.07	1.17	.08	.80	2.43	.77	1.18	.02	.07	.4	280	165	0.9		
	S101				49	23	26	2		55	18	27			241	45				
04/09/73	01S/06W-19A01	S	7.5	341	2.30	.64	.38	.06	.00	2.51	.58	.23	.16	.03	.4	209	142	0.3		
	S101				68	19	11	2		72	17	7	5		166	22				
03/29/73	01S/06W-25K01	S	7.6	337	2.10	.81	.38	.06	.00	2.46	.58	.20	.16	.12	.4	246	142	0.3		
	S101				63	24	11	2		72	17	6	5		182	23				
10/03/72	01S/06W-32E01	S	7.7	484	3.29	.67	.50	.06	.00	3.10	.14	1.13	.34	.00	.2	220	199	0.4		
	S101				73	15	11	1		66	3	24	7		248	43				
03/29/73	S101		7.9	491	3.19	.64	.96	.05	.00	3.10	.23	1.21	.35	.00	.2	337	185	0.7		
	S101				66	13	20	1		63	5	25	7		265	37				
10/03/72	01S/07W-08N01	S	7.5	366	2.59	.72	.54	.03	.00	2.97	.19	.37	.26	.03	.3	134	167	0.4		
	S101				67	19	14	1		78	5	10	7		202	17				
03/29/73	S101		7.5	372	2.50	.63	.57	.04	.00	2.93	.18	.25	.27	.00	.3	228	155	0.5		
	S101				67	17	15	1		81	5	7	7		195	10				
10/03/72	01S/07W-17E01	S	7.7	380	2.54	.82	.57	.04	.00	2.93	.37	.25	.24	.02	.3	218	169	0.4		
	S101				64	21	14	1		77	10	7	6		205	22				
03/29/73	S101		7.5	372	2.40	.90	.61	.04	.00	3.02	.33	.34	.24	.00	.3	213	163	0.5		
	S101				61	23	15	1		77	8	9	6		208	14				
10/03/72	01S/07W-21D01	S	7.7	334	1.75	.69	.61	.04	.00	2.66	.27	.19	.10	.00	.3	163	121	0.6		
	S101				57	22	20	1		83	8	6	3		165	0				
06/11/73	S101		7.6	355	1.75	.71	.96	.04	.00	2.74	.37	.25	.13	.03	.3	163	123	0.9		
	S101				51	21	28	1		79	11	7	4		144	0				
10/03/72	01S/07W-24E01	S	7.9	324	2.00	.66	.47	.04	.00	3.02	1.3	.03	.17	.00	.1	150	133	0.4		
	S101				63	21	15	1		93	1	5	1		160	0				
03/29/73	S101		8.0	321	1.90	.47	.87	.05	.00	2.93	.23	.23	.03	.02	.0	210	115	0.8		
	S101				58	14	26	2		86	7	7	1		174	0				
10/03/72	01S/07W-30Q01	S	7.8	382	2.15	.99	.48	.04	.00	3.13	.03	.28	.31	.03	.2	179	156	0.4		
	S101				59	27	13	1		83	1	7	8		192	1				
03/29/73	S101		7.9	349	1.80	.81	.91	.04	.00	2.79	.37	.31	.14	.00	.3	226	126	0.8		
	S101				51	23	26	1		77	10	9	4		189	0				
08/01/73	01S/08W-10N07	S	69 F 21 C	8.1	312	1.50	.41	1.74	.05	.00	2.51	.58	.31	.19	.00	.4	95	0	1.8	
	1101				41	11	47	1		70	16	9	5		203	0				

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN MILLIGRAMS PER LITER										MILLIEQUIVALENTS PER LITER					REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	8	F	TO5	TM	SAR		
																			PERCENT REACTANCE VALUE	
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA																				
10/03/72	5101 5101		7.7	514	67 3.34 64	15 1.23 24	14 .61 12	2.0 .05 1	0 .00	177 2.90 55	.42 .87 17	12 .34 6	70.0 1.13 22	.04 --	.4 309	336 231	231 84	0.4		
03/29/73	5101 5101		8.0	355	44 2.20 61	6.5 .53 15	19 .63 23	1.8 .05 1	0 .00	179 2.93 79	.15 .31 8	7.0 .20 5	16.0 .26 7	.02 --	.2 197	209 197	136 0	0.7		
09/19/73	1101 0915	70 F 21 C	7.9	420	57 2.84 64	11 .90 20	15 .65 15	2.0 .05 1	0 .00	186 3.05 68	.25 .52 12	13 .37 8	33.0 .53 12	.00 0	.1 247	336 247	231 35	0.5		
9/18/72	1101 1230	70 F 21 C	7.3	367	50 2.50 65	8.0 .66 17	15 .65 17	1.0 .03 1	0 .00	175 2.87 74	.22 .46 12	8.0 .23 6	20.1 .32 8	.00 --	-- 210	157 210	157 15	0.5		
08/01/73	1101 1101	69 F 21 C	8.0	385	53 2.64 65	9.0 .74 18	15 .65 16	2.0 .05 1	0 .00	177 2.90 68	.30 .62 14	13 .37 9	24.2 .39 9	.00 0	.5 233	149 233	149 24	0.5		
08/01/73	1101 1510	73 F 23 C	8.1	514	73 3.64 66	12 .99 18	19 .83 15	2.0 .05 1	0 .00	221 3.62 64	.52 1.08 19	17 .48 8	29.0 .47 8	.00 0	.9 313	231 313	231 51	0.5		
08/01/73	1101 1101	70 F 21 C	7.9	457	64 3.19 64	13 1.07 22	15 .65 13	2.0 .05 1	0 .00	210 3.44 68	.41 .85 17	16 .45 9	18.1 .29 6	.00 0	.6 272	213 272	213 41	0.4		
10/03/72	5101 5101		7.1	452	56 2.79 63	16 1.32 30	6.0 .26 6	1.4 .04 1	0 .00	189 3.10 69	.20 .42 9	12 .34 8	40.0 .65 14	.03 --	.3 244	179 244	207 51	0.2		
03/29/73	5101 5101		7.7	452	64 3.19 68	12 .99 21	10 .44 9	1.6 .04 1	0 .00	189 3.10 67	.17 .35 8	14 .39 8	49.0 .79 17	.00 --	.3 261	272 261	208 54	0.3		
10/05/72	5101 5101		8.2	1992	177 8.83 41	66 5.43 25	164 7.13 33	5.2 .13 1	0 .00	419 6.87 32	.288 6.00 28	230 6.49 31	112 1.81 9	.13 --	.5 1248	1304 1248	713 370	2.7		
03/05/73	5101 5101		7.5	2083	182 9.08 41	71 5.84 26	171 7.44 33	2.1 .05 0	0 .00	427 7.00 31	.320 6.66 30	234 6.60 29	134 2.16 10	.09 --	.5 1324	1502 1324	744 396	2.7		
05/16/73	5103 1050	66 F 19 C	8.1	2037	184 9.18 41	69 5.67 26	166 7.22 33	3.9 .10 0	0 .00	436 7.15 33	.299 6.23 28	228 6.43 29	127 2.05 9	.09 --	.6 1291	1333 1291	743 385	2.6		
10/05/72	5101 5101		7.6	1859	159 7.93 37	59 4.85 23	195 8.48 40	3.1 .08 0	0 .00	400 6.56 34	.709 4.35 23	186 5.25 27	185 2.98 16	.04 --	.5 1193	1202 1193	640 311	3.4		
03/05/73	5101 5101		7.4	1965	125 6.24 29	90 7.40 35	174 7.57 36	3.3 .08 0	0 .00	359 5.88 27	.342 7.12 33	220 6.20 29	148 2.39 11	.00 --	.5 1279	1292 1279	682 388	2.9		
10/02/72	5088 4790		7.3	2500	264 13.17 52	101 8.31 33	88 3.63 15	2.0 .05 0	0 .00	232 3.80 15	.400 8.33 33	278 7.84 31	320 5.16 21	.10 --	.6 1567	1955 1567	1080 885	1.2		
12/04/72	5088 4790		7.0	2390	232 11.58 50	96 7.90 34	83 3.61 16	3.0 .08 0	0 .00	207 3.39 14	.460 9.58 39	230 6.49 27	300 4.84 20	.10 --	.6 1506	1865 1506	980 805	1.2		
10/05/72	5101 5101		8.0	358	39 1.95 56	7.6 .63 18	20 .87 25	2.5 .06 2	0 .00	167 2.74 79	.16 .33 10	9.8 .28 8	7.0 .11 3	.00 --	.2 184	190 184	127 0	0.8		
05/16/73	5103 1115	74 F 23 C	8.1	335	39 1.95 58	6.4 .53 16	19 .83 25	2.0 .05 1	0 .00	168 2.75 81	.14 .29 9	9.0 .25 7	6.2 .10 3	.00 --	.1 178	218 178	124 0	0.7		
10/05/72	5101 5101		7.9	1182	84 4.19 35	52 4.28 35	83 3.61 30	2.4 .06 0	0 .00	320 5.24 43	.100 2.08 17	137 3.86 31	70.0 1.13 9	.13 --	.5 666	702 666	421 162	1.8		
03/05/73	5101 5101		7.2	1222	82 4.09 34	54 4.44 37	82 3.57 29	2.1 .05 0	0 .00	330 5.41 44	.101 2.10 17	135 3.81 31	68.0 1.10 9	.12 --	.4 686	794 686	426 156	1.7		
12/04/72	5088 4790		7.1	1250	96 4.79 39	48 3.95 32	79 3.44 28	3.0 .08 1	0 .00	372 6.10 48	.132 2.75 22	128 3.61 29	10.0 .16 1	.10 --	.4 679	440 679	440 132	1.6		
10/05/72	5101 5101		7.4	1163	81 4.04 35	38 3.13 27	98 4.26 37	2.9 .07 1	0 .00	334 5.47 47	.139 2.89 25	93 2.62 22	45.0 .73 6	.04 --	.8 661	660 661	360 85	2.3		
03/05/73	5101 5101		7.2	1247	94 4.69 37	42 3.45 27	105 4.57 36	1.5 .04 0	0 .00	380 6.23 48	.142 2.96 23	105 2.96 23	47.0 .76 6	.06 --	.6 723	784 723	404 96	2.3		

SEE PAGE 372 FOR KEY TO TERMS AND ABBREVIATIONS

TABLE E-1 (CONT)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL ANALYSES OF GROUND WATER										MILLIGRAMS PER LITER				REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	PERCENT REACTANCE VALUE	8	F	TDS	TM	
		SANTA ANA DRAINAGE PROVINCE																	
		SANTA ANA RIVER HYDRO UNIT																	
		MIDDLE SANTA ANA RIV HYDR SUBUNIT																	
		CHINO HYDRO SUBAREA																	
		CONTINUED																	
05/16/73	5103	70	F		102	47	110	2.4	0	399	150	123	38.0	.06	.5	642	448		
1010	5050	21	C	7.9	1292	5.09	3.87	4.79	.06	.00	4.54	3.12	3.47	.61	--	769	121	2.3	
		025/06W-14K01 S																	
05/16/73	5103	68	F		62	6.2	24	2.0	0	108	34	22	22.5	.00	.1	311	180		
0855	5050	20	C	7.8	458	3.09	.51	1.04	.05	.80	3.08	.71	.62	.36	--	265	26	0.8	
		025/06W-17N01 S																	
05/16/73	5103	71	F		128	16	54	3.3	0	254	91	133	21.0	.00	.1	699	366		
0920	5050	22	C	7.9	1009	6.39	1.32	2.35	.08	.00	4.16	1.89	3.75	.34	--	571	178	1.2	
		025/06W-21001 S																	
05/16/73	5103	66	F		144	32	140	5.8	0	410	153	180	67.0	.44	.4	1021	491		
0825	5050	19	C	7.8	1550	7.19	2.63	6.09	.15	.80	4.72	3.19	5.00	1.08	--	924	155	2.7	
		025/06W-29P01 S																	
10/05/72	5101				189	14	94	3.9	0	344	191	162	31.0	.23	.2	943	532		
5101				8.1	1473	9.43	1.15	4.09	.10	.00	5.64	3.98	4.57	.50	--	854	247	1.8	
		025/06W-30001 S																	
03/05/73	5101				183	12	94	3.0	0	356	176	175	27.0	.13	.2	884	504		
5101				7.4	1483	9.13	.99	4.09	.10	.00	5.83	3.66	4.94	.44	--	846	215	1.8	
		025/06W-31C01 S																	
03/05/73	5101				201	2.9	56	3.4	0	250	173	160	50.0	.00	.2	930	513		
5101				7.5	1393	10.03	.24	2.44	.09	.00	4.10	3.60	4.51	.81	--	769	309	1.1	
		025/06W-31002 S																	
10/05/72	5101				172	20	72	4.8	0	332	161	142	46.0	.03	.4	839	509		
5101				7.5	1364	8.58	1.64	3.13	.12	.00	5.44	3.35	4.80	.74	--	781	239	1.4	
		025/07W-04B01 S																	
10/04/72	5101				41	13	16	1.2	0	186	12	11	11.0	.00	.3	200	155		
5101				7.8	375	2.05	1.07	.70	.03	.00	3.05	.25	.31	.18	--	197	4	0.6	
		025/07W-06J02 S																	
03/09/73	5101				44	11	10	1.6	0	187	12	11	12.0	.00	.2	212	152		
5101				7.7	395	2.20	.90	.78	.04	.00	3.06	.25	.31	.19	--	202	2	0.6	
		025/07W-10M01 S																	
03/09/73	5101				55	13	17	1.9	0	192	22	16	43.0	.00	.3	312	198		
5101				7.6	483	2.74	1.07	.74	.05	.00	3.15	.46	.45	.69	--	262	33	0.5	
		025/07W-11001 S																	
10/06/72	5101				131	36	31	2.0	0	325	72	99	87.0	.00	.4	610	475		
5101				7.8	1050	6.54	2.96	1.35	.05	.00	5.33	1.50	2.79	1.40	--	618	209	0.6	
		025/07W-15A02 S																	
03/09/73	5101				133	35	31	2.2	0	330	77	102	81.0	.02	.3	691	476		
5101				7.6	1098	6.64	2.88	1.35	.06	.00	5.41	1.60	2.88	1.31	--	623	206	0.6	
		025/07W-15001 S																	
06/13/73	5101				134	34	31	2.1	0	330	78	98	83.0	.04	.2	636	476		
5101				7.8	1042	6.69	2.80	1.35	.05	.00	5.41	1.62	2.76	1.34	--	622	204	0.6	
		025/07W-15001 S																	
10/06/72	5101				117	20	36	2.2	0	334	51	65	65.0	.22	.3	535	374		
5101				7.9	917	5.84	1.64	1.57	.06	.00	5.47	1.06	1.83	1.05	--	521	101	0.8	
		025/07W-15001 S																	
03/09/73	5101				112	27	38	2.3	0	332	53	66	62.0	.33	.2	573	389		
5101				7.5	917	5.59	2.22	1.65	.06	.00	5.44	1.10	1.86	1.00	--	524	119	0.8	
		025/07W-15001 S																	
10/06/72	5101				106	28	29	2.0	0	272	52	53	114	.38	.3	636	379		
5101				8.0	893	5.29	2.38	1.26	.05	.00	4.46	1.08	1.49	1.84	--	518	157	0.6	E
		025/07W-15001 S																	
03/09/73	5101				91	28	26	1.9	0	235	55	52	98.0	.00	.2	479	342		
5101				7.5	624	4.54	2.30	1.13	.05	.00	3.85	1.15	1.47	1.58	--	467	150	0.6	
		025/07W-15001 S																	
06/13/73	5101				112	29	28	2.2	0	272	58	59	118	.03	.2	524	398		
5101				7.8	981	5.59	2.38	1.22	.06	.00	4.46	1.21	1.66	1.90	--	540	176	0.6	
		025/07W-15001 S																	
10/06/72	5101				111	27	45	2.6	0	412	25	78	21.0	.30	.2	648	389		
5101				7.4	968	5.54	2.22	1.96	.07	.00	6.75	.52	2.20	.34	--	512	51	1.0	
		025/07W-15001 S																	
03/09/73	5101				76	29	37	2.1	0	334	28	59	6.6	.04	.1	442	309		
5101				7.3	725	3.79	2.38	1.61	.05	.00	5.47	.42	1.66	.11	--	394	35	0.9	
		025/07W-15001 S																	
06/13/73	5101				85	19	34	2.2	0	330	18	49	20.0	.03	.1	482	290		
5101				7.2	687	4.24	1.56	1.48	.06	.00	5.41	.37	1.38	.32	--	389	20	0.9	



TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN	MILLIGRAMS PER LITER					MILLIGRAMS PER LITER								
					CA	MG	NA	K	CO3	HCO3	CO4	CL	NO3	SIO2	TDS SUM	TH MCM	PER SAP	
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA																		
10/04/72	5101 5101		7.5	1010	131 64	24 19	29 12	17 4	0	325 53	64 13	44 12	132 21	.00	.5 --	599 601	427 159	0.6
03/09/73	5101 5101		7.8	877	114 63	27 24	28 12	2.4 1	0	305 55	63 14	40 12	103 18	.00	.2 --	521 525	393 166	0.6
10/04/72	5101 5101		8.0	758	86 55	30 32	23 13	1.8 1	0	259 425	37 77	36 1.02	93.0 1.50	.00	.8 --	463 434	140 126	0.5
03/09/73	5101 5101		7.4	709	93 61	22 24	25 14	2.3 1	0	300 492	38 10	37 14	52.0 11	.04	.2 --	445 417	123 77	0.6
10/06/72	5101 5101		7.9	855	104 57	13 14	33 19	2.5 1	0	322 528	48 13	42 15	16.0 3	.30	.2 --	579 417	313 49	0.6
03/09/73	5101 5101		7.6	755	90 58	22 23	32 18	2.3 1	0	281 461	41 80	40 15	86.0 14	.00	.2 --	481 431	313 85	0.6
10/06/72	5101 5101		7.9	438	50 57	12 19	19 1	1.9 1	0	220 361	6.6 14	17 3	1.5 0.02	.03	.5 --	297 216	171 0	0.6
03/09/73	5101 5101		7.5	453	53 59	11 20	20 87	1.7 1	0	220 361	9.4 81	18 11	9.8 4	.00	.2 --	298 231	175 0	0.7
05/15/73	5103 1420	68 F 20 C	7.7	515	60 56	15 23	25 20	1.6 1	0	232 380	19 71	23 8	29.6 9	.00	.3 --	243 287	210 21	0.7
10/06/72	5101 5101		8.0	863	106 60	25 24	31 15	1.9 1	0	325 533	56 13	41 1.16	78.0 1.23	.05	.2 --	517 497	366 101	0.7
03/09/73	5101 5101		7.5	787	93 58	24 1.97	30 1.31	1.8 1	0	305 500	48 1.00	38 1.07	81.0 98	.00	.2 --	494 446	330 81	0.7
10/06/72	5101 5101		7.6	1034	92 43	40 31	65 26	2.8 1	0	339 556	84 133	69 1.95	103 1.66	.60	.4 --	715 403	392 116	1.4
03/09/73	5101 5101		7.5	1168	135 55	36 24	59 21	2.4 1	0	497 815	60 1.25	63 1.78	83.0 1.34	.04	.2 --	491 603	486 78	1.2
10/04/72	5101 5101		7.4	1218	119 744	18 1.48	87 3.78	1.9 1	0	466 764	119 60	70 1.97	46.0 74	.18	.5 --	763 720	447 64	1.8
03/09/73	5101 5101		7.5	1172	134 669	25 2.06	82 3.57	1.7 1	0	441 723	124 2.58	74 2.09	43.0 69	.17	.5 --	767 701	436 76	1.7
10/06/72	5101 5101		7.8	906	96 52	14 13	72 34	3.2 1	0	305 500	99 54	51 1.44	47.0 76	.06	.4 --	545 532	299 47	1.8
03/05/73	5101 5101		6.9	876	93 52	14 13	69 34	3.5 1	0	300 492	131 54	50 1.41	2.0 0.03	.00	.2 --	595 510	288 44	1.8
10/06/72	5101 5101		7.8	366	16 80	4.1 34	52 2.26	2.7 1	0	138 226	22 46	15 42	12.0 19	.34	.5 --	193 192	56 0	3.0
03/05/73	5101 5101				214 2404	151 10.68	128 12.42	3.6 5.51	0	467 765	729 15.18	180 5.08	76.0 1.23	.00	.5 --	1829 1711	1154 773	1.6
05/15/73	5103 1310	68 F 20 C	7.5	2377	272 52	86 7.07	123 5.35	3.4 1	0	305 500	708 14.74	170 4.79	73.6 1.19	.02	.5 --	1659 1584	1835 783	1.7
10/05/72	5101 5101		7.8	1159	120 599	22 1.81	89 3.87	3.0 1	0	412 6.75	65 58	89 2.51	62.0 1.00	.08	.2 --	691 653	389 53	2.0
03/05/73	5101 5101		7.3	1202	116 579	29 2.38	92 4.00	3.2 1	0	441 723	70 1.46	100 2.82	72.0 1.16	.00	.2 --	799 699	407 47	2.0

TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY		MINERAL CONSTITUENTS IN MILLIEQUIVALENTS PER LITER										MILLIGRAMS PER LITER					REN
			PH	EC	CA	MG	NA	K	CO3	PERCENT REACTANCE VALUE				B	F	TDS SUM	TH NCH	SAR		
										HCO3	SO4	CL	NO3							
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA																				
10/05/72	5101				98	14	50	2.2	0	317	46	59	30.0	.03	.1	472	302			
	5101		8.1	853	4.89	1.15	2.18	.06	.00	5.20	.96	1.66	.48	--	--	455	42	1.3		
					59	14	26	1		63	12	20	6							
03/05/73	5101				54	30	54	2.1	0	295	41	54	30.0	.00	.2	475	256			
	5101		7.6	774	2.69	2.47	2.35	.05	.00	4.84	.85	1.52	.48	--	--	410	16	1.5		
					36	33	31	1		63	11	20	6							
10/04/72	5101				42	6.7	21	1.9	0	162	24	9.0	16.2	.02	.3	214	133			
	5101		6.0	361	2.10	.55	.91	.05	.00	2.66	.50	.28	.26	--	--	201	0	0.8		
					58	15	25	1		72	14	8	7							
03/09/73	5101				38	9.2	24	1.6	0	167	20	8.0	16.0	.05	.2	230	132			
	5101		7.7	380	1.90	.76	1.04	.04	.00	2.74	.42	.23	.26	--	--	199	0	0.9		
					51	20	28	1		75	12	6	7							
10/04/72	5101				70	13	17	2.7	0	198	83	14	6.6	.02	.3	338	230			
	5101		7.6	518	3.49	1.07	.74	.07	.00	3.25	1.73	.39	.11	--	--	304	66	0.5		
					65	20	14	1		59	32	7	2							
10/04/72	5101				62	12	16	1.3	0	207	44	12	12.0	.80	.3	260	204			
	5101		7.6	488	3.09	.99	.70	.03	.00	3.39	.92	.34	.19	--	--	261	35	0.5		
					64	21	15	1		70	19	7	4							
10/04/72	5101				171	44	72	1.7	0	431	354	34	1.4	.00	.4	956	610			
	5101		7.5	1353	8.53	3.62	3.13	.04	.00	7.06	7.37	.96	.02	--	--	890	255	1.3	E	
					56	24	20			46	48	6								
03/09/73	5101				162	30	81	2.5	0	373	350	36	.0	.09	.3	933	527			
	5101		7.4	1250	8.08	2.47	3.52	.06	.00	6.11	7.29	1.02	.00	--	--	845	222	1.5	E	
					57	17	25			42	51	7								
10/04/72	5101				132	15	38	3.2	0	278	131	30	84.0	.15	.2	644	390			
	5101		7.9	928	6.59	1.23	1.65	.08	.00	4.54	2.73	.85	1.35	--	--	570	163	0.8		
					69	13	17	1		48	29	9	14							
03/09/73	5101				126	33	56	2.4	0	380	165	44	50.0	.18	.2	764	447			
	5101		7.6	1106	6.29	2.71	2.44	.06	.00	6.23	3.44	1.24	.81	--	--	663	139	1.1		
					55	24	21	1		53	29	11	7							
10/04/72	5101				82	25	25	1.9	0	257	55	50	81.0	.09	.5	420	309			
	5101		7.6	702	4.09	2.06	1.09	.05	.00	4.21	1.15	1.41	1.31	--	--	446	97	0.6		
					56	28	15	1		52	14	17	16						S	
03/09/73	5101				56	35	29	2.0	0	257	58	47	21.0	.00	.3	459	282			
	5101		7.7	704	2.79	2.88	1.26	.05	.00	4.21	1.21	1.33	.34	--	--	374	73	0.7		
					40	41	18	1		59	17	19	5							
03/09/73	5101				96	42	58	2.1	0	320	210	46	7.5	.09	.3	683	411			
	5101		7.6	1025	4.79	3.45	2.52	.05	.00	5.24	4.37	1.30	.12	--	--	619	150	1.2		
					44	32	23			48	40	12	1							
10/04/72	5101				180	43	67	2.5	0	443	278	65	17.0	.11	.9	937	627			
	5101		7.2	1361	8.98	3.54	2.91	.06	.00	7.26	5.79	1.83	.27	--	--	870	263	1.2		
					58	23	19			48	38	12	2							
03/09/73	5101				98	37	56	--	0	334	186	39	13.0	.06	.4	677	398			
	5101		7.8	981	4.89	3.04	2.44		.00	5.47	3.87	1.10	.21	--	--	593	123	1.2		
					47	29	24			51	36	10	2							
10/05/72	5101				145	33	47	3.6	0	390	129	73	62.0	.00	.3	672	497			
	5101		7.7	1126	7.24	2.71	2.04	.09	.00	6.39	2.69	2.06	1.00	--	--	684	178	0.9		
					60	22	17	1		53	22	17	8							
03/05/73	5101				124	26	76	3.7	0	349	135	78	66.0	.00	.2	765	416			
	5101		7.6	1161	6.19	2.14	3.31	.09	.00	5.72	2.81	2.20	1.06	--	--	680	131	1.6		
					53	18	28	1		49	24	19	9							
10/05/72	5101				125	26	50	3.4	0	354	99	80	44.0	.02	.2	619	417			
	5101		7.7	1074	6.24	2.14	2.18	.09	.00	5.80	2.06	2.26	.71	--	--	601	129	1.1		
					59	20	20	1		54	19	21	7							
05/15/73	5103	70 F			117	28	43	2.7	0	363	84	67	34.0	.00	.1	643	407			
	1200	5050	21 C	7.8	971	5.84	2.30	1.87	.07	5.95	1.75	1.89	.55	--	--	554	110	0.9		
					58	23	19	1		59	17	19	5							
10/05/72	5101				102	23	49	3.1	0	337	64	67	41.0	.02	.4	504	351			
	5101		7.7	898	5.09	1.89	2.13	.08	.00	5.52	1.33	1.89	.66	--	--	515	73	1.1		
					55	21	23	1		59	14	20	7							
03/05/73	5101				93	31	49	1.8	0	339	63	64	44.0	.01	.2	587	356			
	5101		7.3	929	4.64	2.55	2.13	.05	.00	5.56	1.31	1.80	.71	--	--	512	82	1.1		
					50	27	23	1		59	14	19	8							
10/05/72	5101				114	19	49	3.3	0	330	120	44	38.0	.01	.3	554	342			
	5101		7.9	909	5.69	1.56	2.13	.08	.00	5.41	2.50	1.24	.61	--	--	550	92	1.1		
					60	16	23	1		55	26	13	6							
03/05/73	5101				118	20	51	2.8	0	332	117	50	40.0	.00	.3	649	373			
	5101		7.3	945	5.89	1.64	2.22	.07	.00	5.44	2.44	1.41	.65	--	--	542	105	1.1		
					60	17	23	1		55	25	14	7							

TABLE E-1 (CONT.)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL ANALYSES OF GROUND WATER								MILLIGRAMS PER LITER					REM		
				MINERAL CONSTITUENTS IN								MILLIEQUIVALENTS PER LITER							
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH		SAR	
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA																			
10/05/72	5101 5101		7.5	476	3.09	62	6.5	66	1.9	0	207	.59	52	36.0	.08	.6	395	182	2.1
						47	8	44	1	.00	3.39	1.23	1.47	.58		--	385	12	
03/05/73	5101 5101		7.2	739	36.88	739	7.0	68	2.8	0	228	.60	53	48.0	.02	.3	494	200	0.7
						91	1	7		.00	3.74	1.25	1.49	.77		--	1090	1687	
10/05/72	5101 5101		8.0	1908	10.78	216	42	124	4.0	0	519	.185	191	108	.11	.2	1193	711	2.0
						55	17	27	1	.00	8.51	3.85	5.39	1.74		--	1125	286	
03/05/73	5101 5101		7.1	1880	11.18	224	47	118	4.4	0	555	.186	200	103	.01	.3	1268	748	1.9
						55	19	25	1	.00	9.10	3.87	5.64	1.66		--	1155	298	
05/15/73	5875 1250	68 F 20 C	7.9	1855	9.28	186	53	118	3.6	0	463	.169	190	122	.07	.1	1168	682	2.0
						49	23	27		.00	7.59	3.93	5.36	1.98		--	1090	303	
10/05/72	5101 5101		8.2	454	3.84	77	17	34	2.0	0	276	.44	37	22.0	.03	.1	390	242	0.9
						57	21	22	1	.00	4.92	.92	1.04	.35		--	369	36	
03/05/73	5101 5101		7.6	718	4.14	83	16	38	2.0	0	276	.41	43	25.0	.00	.3	422	272	1.0
						58	18	23	1	.00	4.52	.85	1.21	.40		--	384	47	
HARRISON HYDRO SUBAREA																			
08/10/73	1101 1000		8.0	432	1.40	28	4.0	56	2.0	0	119	.36	34	36.1	.00	.2	255	86	2.6
						33	8	58	1	.00	1.95	.75	.96	.58		--	0	0	
CLAREMONT HEIGHTS HYDRO SUBAREA																			
10/04/72	5101 5101		7.5	598	3.89	78	17	12	1.7	0	288	.35	8.8	17.0	.00	.3	298	266	0.3
						66	24	9	1	.00	4.59	.73	.25	.27		--	307	35	
08/09/73	1101 1620	71 F 22 C	8.0	408	3.04	61	15	7.0	2.0	0	222	.27	7.0	11.1	.00	.4	239	214	0.2
						66	27	6	1	.00	3.64	.56	.20	.18		--	0	32	
08/09/73	1101 1600	65 F 18 C	8.0	405	2.54	51	6.0	28	2.0	0	181	.35	11	27.1	.00	.6	249	152	1.0
						59	11	28	1	.00	2.97	.73	.31	.44		--	0	3	
CUCAMONGA HYDRO SUBAREA																			
03/29/73	5101 5101		7.9	334	2.10	42	9.3	13	1.8	0	160	.23	9.0	9.1	.00	.3	224	140	0.5
						60	22	16	1	.00	2.62	.48	.25	.15		--	184	12	
10/04/72	5101 5101		7.8	340	1.95	39	9.3	15	1.8	0	158	.24	6.9	9.7	.02	.4	197	136	0.6
						57	22	19	1	.00	2.59	.50	.19	.16		--	183	6	
03/29/73	5101 5101		7.6	329	1.90	38	7.1	16	1.8	0	162	.13	6.0	6.7	.00	.3	197	124	0.6
						59	18	22	2	.00	2.66	.27	.17	.11		--	168	0	
10/04/72	5101 5101		7.9	430	2.64	53	9.7	16	2.0	0	153	.35	12	38.0	.10	.4	254	173	0.5
						63	19	17	1	.00	2.51	.73	.34	.61		--	241	47	
03/29/73	5101 5101		7.6	409	2.74	55	9.1	13	1.8	0	165	.24	10	38.0	.02	.4	248	175	0.4
						67	18	14	1	.00	2.70	.50	.28	.41		--	232	40	
TEMESCAL HYDRO SUBAREA																			
04/25/73	5103 0955	70 F 21 C	7.8	1121	4.48	89	27	103	4.9	0	285	.132	110	55.0	.30	.3	774	347	2.5
						39	20	40	1	.00	4.67	2.76	3.11	.89		--	664	103	
09/25/73	5103 1020	69 F 21 C	8.2	1093	3.34	67	40	101	4.0	0	242	.141	114	66.0	.20	.8	733	332	2.4
						30	30	39	1	.00	3.97	2.94	3.21	1.06		--	652	133	
11/21/72	5103 1455	69.0F 20.5C	7.8	1300	5.24	105	46	97	2.0	0	382	.143	115	54.2	.23	.6	904	458	2.0
						39	28	32		.00	6.26	2.98	3.24	.87		--	750	138	
04/25/73	5103 1050	66 F 19 C	8.0	1542	4.37	87	34	183	11	0	281	.165	201	56.8	.70	.6	994	354	4.2
						28	18	52	2	.00	4.28	3.44	5.69	.92		--	870	148	
09/25/73	5103 1220	72 F 22 C	8.4	1530	4.19	84	31	212	12	8.0	271	.207	216	52.0	.50	1.3	950	334	5.0
						26	16	57	2	.27	4.44	4.31	6.09	.84		--	956	102	



TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REFRACTANCE VALUE				MILLIGRAMS PER LITER					REM		
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCH		SAR	
																			8
Y Y-01 Y-01.0 Y-01.05 035/07W-22H02 S SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT TEMESCAL HYDRO SUBAREA																			
11/22/72 0850	S103 5050	76.0F 24.4C	7.7	1606	93 4.64 30	36 2.96 19	177 7.70 49	16 .42 3	0 .00	314 5.15 32	210 4.37 27	221 6.23 39	19.0 .31 2	.72 --	.6 --	1020 928	384 123	3.9	
04/25/73 1025	S103 5050	72 F 22 C	8.0	1235	119 5.98 45	39 3.22 24	92 4.00 30	4.3 .11 1	0 .00	254 4.16 35	163 3.82 32	108 3.07 26	58.0 .95 8	.10 --	.5 --	832 731	428 252	1.9	S
11/22/72 0900	S103 5050	58.0F 14.4C	7.9	1126	118 5.89 51	45 3.70 29	46 2.00 17	2.4 .06 1	0 .00	264 4.33 37	180 3.75 32	87 2.45 21	63.0 1.02 9	.07 --	.5 --	892 671	479 263	0.9	E T
04/25/73 1115	S103 5050	64 F 18 C	7.8	1022	98 4.93 50	29 2.44 25	55 2.40 24	3.2 .08 1	0 .00	198 3.25 32	173 3.61 36	85 2.41 24	55.0 .89 9	.10 --	.2 --	472 598	368 206	1.3	
09/25/73 1235	S103 5050	90 F 32 C	7.9	934	83 4.14 44	28 2.30 24	68 2.96 31	3.0 .08 1	0 .00	139 2.28 24	180 3.75 40	86 2.43 26	56.0 .90 10	.00 --	1.2 --	617 572	321 208	1.6	
11/22/72 0920	S103 5050	70.0F 21.1C	7.9	1246	136 6.79 52	47 3.87 30	55 2.39 18	.8 .02	0 .00	292 4.79 37	201 4.18 32	108 3.05 24	55.0 .89 7	.05 --	.5 --	1054 746	532 294	1.0	E T
03/25/73 1420	S103 5050	76 F 24 C	8.4	1201	143 7.14 57	15 1.23 10	96 4.18 33	1.2 .03	8.0 .27 2	307 5.03 39	207 4.31 33	88 2.48 19	52.0 .84 6	.00 --	1.2 --	842 761	418 154	2.0	E
04/25/73 1250	S103 5050	66 F 19 C	7.9	1308	128 6.41 43	71 5.87 39	58 2.56 17	1.8 .05	0 .00	281 4.61 33	345 7.20 51	55 1.56 11	42.5 .69 5	.10 --	.4 --	947 842	573 384	1.0	E S
09/25/73 1305	S103 5050	67 F 19 C	7.9	1170	100 4.99 38	68 5.59 43	58 2.52 19	1.2 .03	0 .00	173 2.84 22	363 7.56 58	68 1.92 15	47.0 .76 6	.10 --	1.1 --	841 790	529 387	1.1	E
Y-01.06 035/04W-19N02 S ARLINGTON HYDRO SUBAREA																			
11/21/72 1345	S103 5050	62.0F 16.7C	7.8	1123	60 2.99 30	41 3.37 34	77 3.35 34	4.3 .11	0 .00	141 2.31 24	101 2.10 21	162 4.57 47	52.0 .84 9	.08 --	.5 --	871 567	317 203	1.9	E T
04/24/73 1445	S103 5050	70 F 21 C	7.9	1773	127 6.34 36	45 3.71 21	176 7.66 43	5.0 .13 1	0 .00	358 5.87 32	222 4.63 25	196 5.53 30	136 2.20 12	.40 --	.1 --	1117 1084	502 209	3.4	
11/21/72	S103 5050	64.0F 17.8C	7.6	1967	160 7.98 41	83 6.83 35	101 4.39 23	4.3 .11	0 .00	429 7.03 37	195 4.06 21	243 6.85 36	75.0 1.21 6	.16 --	.4 --	1694 1072	739 389	1.6	E T
04/24/73 1405	S103 5050	68 F 20 C	8.2	542	72 3.60 65	10 .82 15	25 1.09 20	2.5 .06 1	0 .00	209 3.43 64	40 .84 16	33 .93 17	9.9 .16 3	.00 --	.1 --	330 296	221 50	0.7	
09/25/73 0815	S103 5050		8.5	1461	108 5.39 31	91 7.48 42	107 4.65 26	4.8 .12 1	5.0 .17 1	347 5.69 32	194 4.04 23	212 5.98 34	106 1.71 10	.20 --	.8 --	1106 999	447 351	1.8	
04/24/73 1515	S103 5050	72 F 22 C	8.0	1443	93 4.68 31	56 4.65 31	125 5.44 37	4.1 .10 1	0 .00	273 4.47 31	171 3.56 25	189 5.34 37	56.6 .91 6	.20 --	.3 --	940 831	447 243	2.5	
09/25/73 0930	S103 5050	71 F 22 C	8.2	1441	82 4.09 27	65 5.35 35	132 5.74 38	4.8 .12 1	0 .00	265 4.34 29	177 3.69 25	207 5.84 39	65.0 1.05 7	.10 --	.8 --	946 863	471 255	2.6	
11/21/72 1440	S103 5050	61.0F 16.1C	7.8	1785	147 7.34 41	57 4.69 26	133 5.79 32	9.8 .25 1	0 .00	420 6.88 38	253 5.27 29	179 5.05 28	56.0 .90 5	.38 --	.7 --	1291 1042	602 258	2.4	E
04/25/73 0945	S103 5050	69 F 21 C	8.1	1085	63 3.17 30	34 2.84 27	97 4.22 41	7.2 .18 2	0 .00	139 2.28 23	95 1.99 20	165 4.66 46	71.3 1.15 11	.10 --	.3 --	660 403	300 187	2.4	
09/25/73 1005	S103 5050	70 F 21 C	8.0	1555	81 4.05 26	49 4.06 26	168 7.34 47	6.4 .16 1	0 .00	191 3.13 20	225 4.68 30	212 5.98 39	99.0 1.60 10	.30 --	1.0 --	1031 936	406 249	3.6	
Y-01.07 015/04W-28L02 S RIVERSIDE HYDRO SUBAREA																			
11/22/72	S101 5101		7.5	948	87 4.34 42	20 1.64 16	96 4.18 41	3.5 .09 1	0 .00	356 5.83 50	93 1.94 19	66 1.86 19	23.0 .37 4	.21 --	.8 --	620 564	298 8	2.4	
04/09/73	S101 5101		7.5	955	85 4.24 44	18 1.48 15	90 3.92 40	3.6 .09 1	0 .00	347 5.69 57	95 1.98 20	66 1.86 19	24.0 .39 4	.24 --	.8 --	564 552	286 2	2.3	

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN											MILLIGRAMS PER LITER				REM
				MILLIEQUIVALENTS PER LITER											PERCENT REACTANCE VALUE				
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	8	F	TDS SUM	TH MCH	SAR		
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT NIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA																			
04/09/73	5101 5101		7.5	955	88 44	17 1.40	92 40	3.5 1	0	354 57	100 21	66 18	23.0 4	.24	.8	573 564	288 0	2.4	
04/09/73	5101 5101		7.5	544	73 3.64 66	12 .99 18	19 .83 15	2.2 .06 1	0	215 3.52 62	.49 1.02 18	14 .39 7	44.0 .71 13	.00	.2	426 319	225 56	0.5	F T
11/22/72	5101 5101		7.3	935	73 3.64 39	12 .99 11	78 3.39 36	54 1.38 15	0	330 5.41 58	72 1.50 16	81 2.28 25	5.0 .08 1	.57	.5	587 538	228 0	2.2	
04/09/73	5101 5101		7.7	883	64 3.19 36	8.8 .72 8	84 3.65 41	52 1.33 15	0	325 5.33 60	72 1.50 17	73 2.06 23	2.0 .03	.58	.6	538 514	195 0	2.6	
11/22/72	5101 5101		7.7	397	53 2.64 67	8.4 .69 17	13 .57 14	1.9 .05 1	0	175 2.87 72	20 .42 11	13 .37 9	19.0 .31 8	.02	.4	267 214	166 23	0.4	
02/06/73	5050 1030		7.7	627	90 4.49 69	10 .90 14	25 1.09 17	2.6 .07 1	0	200 3.28 50	52 1.08 17	47 1.33 20	51.0 .82 13	.00	.2	412 377	270 106	0.7	
11/22/72	5101 5101		7.2	598	66 3.29 53	13 1.07 17	41 1.78 29	3.6 .09 1	0	215 3.52 58	59 1.23 20	36 1.02 17	20.0 .32 5	.24	.5	429 345	217 42	1.2	E
04/09/73	5101 5101		7.1	606	65 3.24 60	4.0 .33 6	41 1.78 33	3.4 .09 2	0	215 3.52 56	57 1.19 19	43 1.21 19	20.0 .32 5	.25	.5	369 339	220 3	1.3	S
11/30/72	5103 1440	62 F 17 C	8.3	601	58 2.89 37	19 1.56 20	74 3.22 41	3.9 .10 1	0	133 2.18 28	150 3.12 41	76 2.14 28	16.0 .26 3	.10	.6	522 462	225 114	2.2	
05/02/73	5103 1415	64.0F 17.8C	7.9	528	16 .82 17	13 1.11 24	60 2.64 56	4.7 .12 3	0	94 1.54 32	42 .88 18	83 2.35 49	3.3 .05 1	.10	.7	272 271	97 20	2.7	
11/21/72	5103 0935	56 F 13 C	8.3	527	51 2.54 48	13 1.07 20	38 1.65 31	2.8 .07 1	0	149 2.44 47	49 1.02 20	38 1.07 21	38.0 .61 12	.10	.5	324 303	178 59	1.2	
04/24/73	5103 0950	74 F 23 C	7.9	576	53 2.67 40	16 1.32 20	57 2.51 38	4.6 .12 2	0	245 4.02 59	62 1.30 19	54 1.53 22	.5 .01	.50	.3	380 370	202 0	1.8	
09/21/73	5103 1245	72 F 22 C	8.1	463	50 2.50 52	16 1.32 28	21 .91 19	2.6 .07 1	0	156 2.56 53	47 .98 20	21 .59 12	41.0 .66 14	.00	.3	311 275	191 63	0.7	
02/06/73	5050 1000		7.6	583	80 3.99 66	9.7 .80 13	28 1.22 20	2.4 .06 1	0	205 3.36 56	54 1.12 19	37 1.04 17	32.5 .52 9	.00	.2	359 344	240 72	0.8	
01/22/73	5136 5882	70.0F 21.1C	6.7	916	122 6.09 63	18 1.48 15	45 1.96 20	4.0 .10 1	0	194 3.18 37	56 1.17 14	142 4.00 47	11.0 .18 2	.05	.3	744 493	375 220	1.0	E T S
05/23/73	5136 0900	56 F 13 C	8.0	1040	128 6.39 63	20 1.64 16	47 2.04 20	4.4 .11 1	0	220 3.61 35	85 1.77 17	167 4.71 46	12.6 .20 2	.03	.1	697 572	402 221	1.0	
05/24/73	5136 1230	67.0F 19.4C	7.7	1022	123 6.14 56	21 1.73 16	66 2.87 26	5.0 .13 1	0	420 6.88 63	85 1.77 16	58 1.64 15	43.8 .71 6	.08	.1	669 608	394 50	1.4	
06/26/73	5136 0100	99.0F 37.2C	7.7	1185	139 6.94 57	22 1.81 15	75 3.26 27	5.3 .14 1	0	314 5.15 42	102 2.12 17	152 4.29 35	38.4 .62 5	.49	.3	745 689	438 180	1.6	
06/26/73	5136 0900	88 F 31 C	8.0	1027	131 6.54 64	19 1.56 15	47 2.04 20	4.3 .11 1	0	217 3.56 35	85 1.77 17	166 4.68 46	12.2 .20 2	.03	.1	697 571	405 227	1.0	
06/27/73	5136 1200	84.0F 28.9C	7.7	921	127 6.34 58	19 1.56 14	65 2.83 26	4.7 .12 1	0	482 7.90 71	75 1.56 14	58 1.64 15	1.2 .02	.14	.1	608 567	395 0	1.4	
08/20/73	5136 0100	92 F 33 C	7.6	1007	119 5.94 56	19 1.56 15	62 2.70 26	4.5 .12 1	0	380 6.23 60	80 1.67 16	59 1.66 16	49.5 .80 8	.08	.2	625 580	375 64	1.4	
08/21/73	5136 1100	95.0F 35.0C	7.8	1356	161 8.03 59	24 1.97 15	79 3.44 25	5.4 .14 1	0	299 4.90 37	104 2.17 16	204 5.75 43	36.6 .59 4	.67	.3	912 762	500 255	1.5	

TABLE E-1 (CONT)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABDRATORY PH EC	MINERAL ANALYSES OF GROUND WATER										MILLIGRAMS PER LITER					MILLIGRAMS PPF LITER				
				MINERAL CONSTITUENTS IN										PERCENT REACTANCE PER LITER					TDS SUM	TM NCM	SAW	HEM	
				CA	MG	NA	K	CO3	MCO3	CO4	CL	NO3	0	F	5102								
				SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA																			
01/22/73	5136 5882	70.0F 21.1C	7.1	096	119 59	19 16	55 24	4.0 .10	0	334 56	66 14	55 16	98.0 15	.14	--	896 572	332 102	1.2	F				
05/30/73	5136 0100	90.5F 32.5C	7.9	854	99 54	20 18	56 27	5.0 .15	0	331 59	83 19	52 16	48.5 7	.00	.1	572 519	329 58	1.1					
06/27/73	5136 0900	78.0F 25.5C	8.0	869	112 60	14 12	57 27	5.1 .13	0	322 57	84 19	52 16	40.0 8	.10	.1	555 531	337 73	1.4					
08/20/73	5136 0800	86 F 30 C	7.6	899	110 59	15 13	55 26	4.6 .12	0	318 57	75 17	52 16	60.0 11	.10	.1	568 528	336 76	1.1					
01/24/73	5136 5882	74.0F 23.3C	6.4	873	110 59	15 13	56 26	4.0 .10	0	263 49	76 18	55 16	85.0 16	.20	.3	710 531	336 121	1.3	E S				
06/29/73	5136 0100	90 F 32 C	8.3	841	--	--	--	--	--	--	--	--	--	--	--	514	290						
01/24/73	5136 5882	67.0F 19.4C	7.3	873	106 58	17 15	55 26	4.0 .10	0	237 388	91 189	44 1.24	67.0 1.08	.17	.3	688 501	334 141	1.3	E T S				
05/24/73	5136 0900	65.5F 18.6C	7.6	951	121 60	21 17	51 22	4.6 .12	0	348 55	119 248	50 1.41	42.0 .68	.08	.2	628 576	389 110	1.1					
06/27/73	5136 0100	94.0F 34.4C	7.6	971	126 61	20 16	54 23	4.4 .11	--	345 55	125 260	51 1.44	41.4 .67	.10	.2	606	397	1.2					
08/21/73	5136 0900	80 F 27 C	8.0	983	123 60	21 17	52 22	4.4 .11	0	339 54	125 260	51 1.44	37.8 .61	.11	.3	628 581	394 116	1.1					
11/21/72	5103 0915	52 F 11 C	8.2	761	79 50	19 20	52 29	4.7 .12	0	289 474	79 1.64	55 1.55	6.5 .10	.60	.6	447 438	274 38	1.4					
04/24/73	5103 0925	68 F 20 C	7.9	497	38 40	13 24	38 35	2.9 .1	0	124 45	42 20	29 18	48.6 .78	.10	.4	310 275	152 51	1.3	S				
09/21/73	5103 1230	70 F 21 C	8.6	707	69 47	17 19	53 32	4.4 .11	2.0	212 347	81 1.69	51 1.44	26.0 .42	.30	1.0	468 408	242 65	1.5					
04/24/73	5103 0910	71 F 22 C	8.9	466	.0 .00	.0 .00	90 3.92	.7 .02	13 .43	42 .69	22 1.48	78 2.22	.3 .00	.70	1.3	234 227	0	0.0					
01/23/73	5136 5882	66.0F 18.9C	6.4	890	134 56	22 15	78 28	4.0 .10	--	245 4.02	137 2.85	51 1.44	73.0 1.18	.17	.4	736	426	1.6	E				
05/29/73	5136 0100	95.6F 35.3C	7.7	1059	135 58	25 18	61 23	4.4 .11	0	333 47	186 387	53 1.49	43.5 .70	.11	.3	722 672	440 167	1.3					
06/28/73	5136 0900	78.0F 25.5C	7.7	1056	140 61	23 16	58 22	4.2 .11	0	321 46	189 393	51 1.44	52.5 .85	.12	.2	694 676	444 181	1.2					
01/26/73	5136 5882	66.5F 19.1C	7.0	1370	151 59	27 17	65 22	6.0 .15	--	238 3.90	292 6.08	48 1.35	65.0 1.05	.29	.4	944	488	1.3					
05/29/73	5136 1130	88.9F 31.6C	7.6	1190	148 56	33 21	65 22	5.0 .15	0	320 5.24	273 5.68	53 1.49	39.0 .63	.17	.3	818 774	505 243	1.3					
06/28/73	5136 0100	84.0F 28.9C	8.1	1177	158 60	27 17	68 22	5.5 .14	0	336 42	270 5.62	54 1.52	31.8 .51	.16	.3	795 780	505 230	1.3					
01/25/73	5136 5882	62.0F 16.7C	7.1	890	113 59	20 17	51 23	4.0 .10	0	247 46	128 2.66	47 1.33	40.0 .77	.26	.5	680 533	363 162	1.2	E T S				
05/29/73	5136 0830	70.0F 21.1C	7.6	841	96 53	23 21	50 24	5.3 .14	0	302 4.95	114 2.37	42 1.18	27.8 .45	.17	.4	539 507	334 87	1.2					
06/29/73	5136 0900	79 F 26 C	7.7	874	187 58	20 18	49 23	5.2 .13	0	295 4.84	125 2.60	45 1.27	32.8 .53	.16	.4	527 529	349 107	1.1					



TABLE E-1 (CONT.)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER				REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TD5	TH	5AR			
SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT RIVERSIDE HYDRO SUBAREA																				
01/25/73	5136 5882	65.0F 18.3C	7.0	960	128 6.39 60	22 1.81 17	54 2.35 22	4.0 .10 1	--	279 4.57 4R	114 2.37 25	53 1.49 16	62.0 1.00 11	.42	.5	770	410	1.2	E	
05/30/73	5136 0900	65.5F 18.6C	7.9	933	114 5.69 56	27 2.22 22	50 2.18 21	3.9 .10 1	0	358 5.87 58	121 2.52 25	47 1.33 13	26.8 .43 4	.17	.5	597 566	396 102	1.1		
06/29/73	5136 0100	88 F 31 C	8.0	880	109 5.44 57	22 1.81 19	50 2.18 23	3.6 .09 1	0	341 5.59 58	117 2.44 25	45 1.27 13	22.7 .37 4	.14	.4	531 537	363 83	1.1		
11/21/72	5103 1010	50.0F 10.0C	8.1	925	82 4.09 42	37 3.04 32	54 2.35 24	5.9 .15 2	0	314 5.15 54	95 1.98 21	73 2.06 21	25.2 .41 4	.10	.5	660 527	354 99	1.2	E T	
04/24/73	5103 1020	62 F 17 C	8.1	956	126 6.30 62	21 1.78 18	45 1.96 19	3.9 .10 1	0	289 4.74 47	164 3.43 34	57 1.62 16	16.9 .27 3	.10	.3	630 578	404 167	1.0		
09/21/73	5103 1310	72 F 22 C	8.7	876	86 4.29 45	30 2.47 26	63 2.74 28	4.8 .12 1	8.0 .27 3	280 4.59 48	96 2.00 21	75 2.12 22	31.0 .50 5	.10	.7	616 532	336 95	1.5	E	
11/21/72	5103 1025	52.0F 11.1C	7.8	1251	118 5.89 40	58 4.77 33	88 3.83 26	3.1 .08 1	0	470 7.70 52	204 4.25 29	86 2.43 17	20.3 .33 2	.08	.5	922 809	534 148	1.7	E	
04/24/73	5103 1035	66 F 19 C	8.5	1138	111 5.56 44	45 3.71 29	77 3.38 27	3.1 .08 1	12	373 6.11 49	141 2.95 24	85 2.41 20	30.0 .48 4	.20	.3	740 690	463 138	1.6		
09/21/73	5103 1345	68 F 20 C	8.1	998	49 2.45 23	55 4.52 42	82 3.57 34	4.0 .10 1	0	266 4.36 41	153 3.19 30	92 2.59 24	35.0 .56 5	.10	.6	673 601	351 131	1.9		
11/21/72	5103 1035	68.0F 20.0C	8.0	978	128 6.39 59	33 2.71 25	37 1.61 15	4.7 .12 1	0	301 4.93 47	176 3.66 35	60 1.69 16	20.0 .32 3	.03	.5	756 607	456 209	0.8	E	
04/24/73	5103 1100	66 F 19 C	8.3	898	80 3.99 41	32 2.67 28	65 2.84 29	4.9 .13 1	0	295 4.84 53	87 1.82 20	73 2.08 23	28.7 .46 5	.00	.2	550 517	333 91	1.6		
09/21/73	5103 1355	68 F 20 C	8.3	911	100 4.99 48	40 3.29 31	48 2.09 20	4.0 .10 1	0	286 4.69 46	176 3.66 36	56 1.58 16	16.0 .26 3	.10	.8	649 581	415 180	1.0	E	
11/21/72	5103 1100	57.0F 13.9C	8.0	915	69 3.44 39	14 1.15 13	85 3.70 42	23 .59 7	0	209 3.43 40	44 .92 11	146 4.12 48	12.0 .19 2	.02	.4	566 496	228 58	2.4		
04/24/73	5103 1130	70 F 21 C	8.2	1851	158 7.91 40	78 6.48 32	124 5.42 27	6.2 .16 1	0	414 6.79 35	195 4.08 21	229 6.46 33	143 2.32 12	.30	.3	1220 1141	719 380	2.0		
09/21/73	5103 1415	71 F 22 C	8.1	465	49 2.45 48	14 1.23 24	30 1.31 26	2.6 .07 1	0	157 2.57 54	51 1.06 22	36 1.02 21	9.0 .15 3	.00	.5	305 270	179 56	1.0	S	
11/21/72	5103 1110	68.0F 20.0C	7.9	1060	99 4.94 47	33 2.71 26	63 2.74 26	4.3 .11 1	0	317 5.20 50	.89 1.85 18	90 2.54 24	50.0 .81 8	.05	.8	715 584	382 123	1.4		
04/24/73	5103 1150	72 F 22 C	8.3	1037	109 5.46 52	23 1.97 19	68 2.96 28	4.1 .10 1	0	269 4.41 43	47 .99 10	127 3.60 35	80.2 1.29 13	.10	.4	640 593	371 151	1.5		
09/21/73	5103 1430	72 F 22 C	8.2	956	76 3.79 42	20 1.64 18	80 3.48 39	4.0 .10 1	0	218 3.57 38	60 1.25 13	122 3.44 37	66.0 1.06 11	.10	1.1	615 535	274 93	2.1		
COLTON-RIALTO HYDRO SUBUNIT COLTON-RIALTO HYDRO SUBAREA																				
11/22/72	5101 5101			7.6	53 2.64 63	11 .90 22	13 .57 14	2.4 .06 1	0	179 2.93 70	24 .50 12	8.8 .25 6	33.0 .53 13	.02	.6	279 233	177 31	0.4		
04/09/73	5101 5101			7.5	58 2.89 70	8.3 .68 16	12 .52 13	2.4 .06 1	0	179 2.93 68	25 .52 12	11 .31 7	32.0 .52 12	.00	.3	302 237	173 32	0.4	E T	
11/22/72	5101 5101			7.4	57 2.84 40	17 1.40 20	65 2.83 40	3.3 .08 1	0	281 4.61 63	60 1.25 17	50 1.41 19	1.0 .02	.41	.6	442 392	210 0	1.9		
04/09/73	5101 5101			7.7	66 3.29 37	22 1.81 21	83 3.61 41	3.6 .09 1	0	349 5.72 65	44 .92 10	75 2.12 24	2.6 .04	.58	.6	493 468	257 0	2.3		

TABLE E-1 (CONT.)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL ANALYSES OF GROUND WATER										MILLIGRAMS PER LITER					REM
					MINERAL CONSTITUENTS IN				MILLIEQUIVALENTS PER LITER				PERCENT REACTANCE VALUE							
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCM	SAR		
<p style="text-align: center;">SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT COLTON-RIALTO HYDRO SUBUNIT COLTON-RIALTO HYDRO SUBAREA</p>																				
11/12/72	5101 5101		7.8	307	48 2.40 66	7.0 .58 16	12 .52 15	1.6 .04 1	0 .00 0	170 2.79 81	16 .33 10	6.9 .19 5	9.2 .15 4	.01 --	.4	234 184	148 10	0.4	E T	
04/09/73	5101 5101		7.7	347	48 2.40 70	5.7 .47 14	12 .52 15	1.6 .04 1	0 .00 0	172 2.62 80	15 .31 9	9.0 .25 7	9.2 .15 4	.00 --	.2	252 185	140 3	0.4	E T	
04/09/73	5101 5101		7.8	351	47 2.35 70	5.7 .47 14	11 .48 14	2.5 .06 2	0 .00 0	172 2.62 83	14 .29 9	7.0 .20 6	4.6 .07 2	.05 --	.3	213 176	138 0	0.4		
<p style="text-align: center;">Y-01.05 025/03W-18002 RECHE HYDRO SUBAREA</p>																				
11/30/72	5103 1520 5050	54 F 12 C	8.1	422	28 1.40 35	9.8 .81 20	40 1.74 43	2.3 .06 3	0 .00 0	126 2.07 51	18 .37 9	39 1.10 27	30.0 .48 12	.00 --	.7	285 229	109 7	1.7		
05/03/73	5103 0805 5050	64.0F 17.8C	8.3	415	25 1.25 32	10 .87 22	40 1.75 44	2.7 .07 3	0 .00 0	130 2.13 52	14 .30 7	38 1.69 27	33.8 .55 14	.00 --	1.2	280 229	106 0	1.7		
11/30/72	5103 1510 5050	58 F 14 C	8.3	332	16 .80 25	6.3 .52 16	41 1.78 56	3.5 .09 3	0 .00 0	112 1.84 58	13 .27 9	30 .85 27	13.0 .21 7	.00 --	1.0	234 178	66 0	2.2	E T	
05/03/73	5103 0905 5050	60.0F 15.5C	8.2	329	13 .68 22	7.5 .62 20	40 1.76 56	3.9 .10 3	0 .00 0	112 1.84 60	5.8 .12 4	28 .79 26	19.0 .31 10	.10 --	1.7	214 173	65 0	2.2		
05/03/73	5103 0820 5050	68.0F 20.0C	8.5	536	36 1.83 34	16 1.36 26	47 2.06 39	2.3 .06 1	5.8 .17 3	170 2.79 52	13 .28 5	55 1.56 29	32.8 .53 10	.00 --	1.1	349 293	140 12	1.6		
<p style="text-align: center;">Y-01.E Y-01.E2 02N/03W-27001 UPPER SANTA ANA R HYDRO SUBUNIT BUNKER MILL HYDRO SUBAREA</p>																				
10/27/72	5101 1500 5101		7.3	226	24 1.20 55	5.0 .41 19	12 .52 24	1.7 .04 2	0 .00 0	107 1.75 83	4.6 .10 5	8.8 .25 12	.0	.00 --	.2	121 109	80 0	0.6		
05/22/73	5101 5101		6.9	383	32 1.60 45	6.3 .52 15	32 1.39 39	2.0 .05 1	0 .00 0	97 1.59 44	8.2 .17 5	65 1.83 50	3.9 .06 2	.00 --	.0	281 197	107 27	1.4	E T	
10/26/72	5101 1000 5101		7.4	225	24 1.20 53	6.3 .52 23	11 .48 21	2.5 .06 3	0 .00 0	119 1.95 86	1.8 .04 2	9.8 .28 12	.7 .01	.01 --	.0	151 115	86 0	0.5	T	
05/15/73	5101 5101		6.7	121	10 .50 44	2.8 .23 20	8.8 .38 33	1.0 .03 3	0 .00 0	32 .52 44	7.1 .15 13	10 .28 24	14.0 .23 19	.24 --	.7	65 70	37 11	0.6		
10/18/72	5101 5101		8.0	588	80 3.99 67	15 1.23 21	16 .70 12	2.9 .07 1	0 .00 0	211 3.46 58	.59 1.23 21	9.8 .28 5	60.0 .97 16	.00 --	.6	357 346	262 88	0.4		
11/21/72	5101 5101		7.3	877	81 4.04 44	23 1.89 20	73 3.18 34	6.0 .15 2	0 .00 0	312 5.11 55	158 3.29 35	31 .87 9	3.2 .05 1	.05 --	.5	532 529	294 41	1.8		
11/22/72	5101 5101		8.0	429	17 .85 18	3.1 .25 5	83 3.61 76	1.7 .04 1	0 .00 0	150 2.46 54	43 .90 20	42 1.18 26	3.3 .05 1	.14 --	.9	304 267	55 0	4.9	E	
04/09/73	5101 5101		7.9	543	20 1.00 20	4.7 .39 8	83 3.61 71	1.9 .05 1	0 .00 0	167 2.74 54	49 1.02 20	43 1.21 24	7.3 .12 2	.17 --	.9	305 291	68 0	4.3		
<p style="text-align: center;">Y-01.E3 015/03W-24C01 REDLANDS HYDRO SUBAREA 4</p>																				
10/18/72	5101 5101		8.1	466	61 3.04 65	11 .90 19	16 .70 15	2.3 .06 1	0 .00 0	199 3.26 69	38 .79 17	8.8 .25 5	25.0 .40 9	.00 --	.6	274 260	199 34	0.5	N	
10/19/72	5101 5101		8.0	732	71 3.54 47	24 1.97 26	45 1.96 26	2.2 .06 1	0 .00 0	247 4.05 54	80 1.67 22	16 .45 6	87.0 1.40 18	.02 --	.5	466 447	274 73	1.2		
10/18/72	5101 5101		7.7	710	71 3.54 46	21 1.73 22	44 1.91 25	2.2 .56 7	0 .00 0	228 3.74 52	74 1.54 21	14 .39 5	94.0 1.52 21	.00 --	.5	460 452	264 77	1.2	S	
<p style="text-align: center;">Y-01.E5 015/03W-35G08 RESERVOIR HYDRO SUBAREA 4</p>																				
04/12/73	5101 5101		8.0	547	49 2.45 44	14 1.15 21	44 1.91 34	2.4 .06 1	0 .00 0	213 3.49 62	47 .98 17	19 .54 10	41.0 .66 12	.00 --	.4	378 321	180 6	1.4		

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER				REMARKS
					CA	Mg	NA	K	CO3	HCO3	SO4	CL	NO3	F	S102	TDS SUM	TH MCH	SAR	PERCENT REACTANCE VALUF				
																			PERCENT	VALUF			
SANTA ANA DRAINAGE PROVINCE																							
SANTA ANA RIVER HYDRO UNIT																							
UPPER SANTA ANA R HYDRO SUBUNIT																							
CRAFTON HYDRO SUBAREA																							
11/30/72	5101 5101		7.8	471	54 55	17 29	17 15	1.3 1	0 0	208 3.41	35 70	14 15	20.0 8	.00 .39	.4 8	346 261	203 34	0.5	E T				
04/12/73	5101 5101		7.7	474	55 56	16 27	18 16	1.6 1	0 0	201 3.29	40 67	15 17	23.0 9	.00 .42	.5 9	248 267	201 39	0.6					
SANTA ANA CANYON HYDRO SUBAREA																							
10/19/72	5101 5101		7.8	442	40 46	8.8 16	38 1.65	-- 38	0 0	153 2.51	75 57	8.8 1.56	4.8 6	.09 .25	.7 108	266 251	135 11	1.4					
11/22/72	5101 5101		8.0	948	84 43	17 14	95 4.13	3.5 42	0 1	361 5.92	93 19	64 1.80	23.0 4	.23 .37	.8 18	595 557	281 0	2.5					
SAN TIMOTED HYDRO SUBUNIT																							
YUCAIPA HYDRO SUBAREA																							
11/30/72	5101 5101		7.6	456	58 60	11 19	23 1.00	1.5 21	0 0	235 3.85	22 81	13 10	5.8 8	.00 .37	.5 8	359 250	191 0	0.7	E T				
04/12/73	5101 5101		8.0	447	56 58	11 19	24 1.04	2.0 .05	0 0	235 3.85	26 80	11 11	5.7 6	.00 .31	.5 .09	242 251	184 0	0.8					
11/22/72	5101 5101		7.9	429	39 44	.6 1	54 2.35	2.4 .06	0 0	177 2.90	32 69	22 16	2.6 15	.07 .62	.5 .04	269 240	100 0	2.4					
04/12/73	5101 5101		7.8	416	31 38	2.1 4	54 2.35	2.4 .06	0 1	167 2.74	34 67	22 17	2.0 15	.00 .62	.5 .03	205 230	85 0	2.5					
04/12/73	5101 5101		7.8	552	51 44	17 24	41 1.78	1.5 .04	0 0	254 4.16	25 72	32 9	12.0 16	.05 .90	.9 .19	318 304	195 0	1.3					
11/30/72	5101 5101		7.6	570	43 37	13 18	59 2.57	1.4 .04	0 0	220 3.61	56 63	29 20	7.0 14	.00 .82	1.5 .11	368 317	160 0	2.0	N				
04/12/73	5101 5101		7.7	570	41 35	13 18	61 2.65	1.8 .05	0 1	218 3.57	70 61	26 25	7.0 12	.00 .73	1.8 .11	311 327	155 0	2.1					
SAN TIMOTED HYDRO SUBAREA																							
YUCAIPA HYDRO SUBAREA																							
05/03/73	5103 1015 5050		68.0F 20.0C	8.4	380	27 34	8.9 .73	43 1.90	1.2 .03	0 0	194 3.18	9.5 .20	17 13	1.3 1	.00 .50	1.8 .02	221 205	104 0	1.9				
05/03/73	5103 1320 5050		68.0F 20.0C	8.3	327	26 40	11 1.30	22 .92	2.7 .97	0 0	172 2.82	.0 .00	15 4.3	9.4 .15	.00 .13	1.1 4	176 171	111 0	0.9				
CHERRY VALLEY HYDRO SUBAREA																							
11/07/72	5103 1230 5050		62 F 17 C	8.3	482	51 48	20 1.64	25 1.09	1.6 .04	0 0	245 4.02	25 77	20 10	7.0 11	.00 .56	.7 .11	282 270	207 8	0.8				
05/18/73	5103 0945 5050		68.0F 20.0C	8.3	405	30 37	18 1.50	25 1.10	1.6 .04	0 0	188 3.08	23 74	16 12	8.3 11	.00 .46	1.0 .13	130 217	154 0	0.9	E T			
11/30/72	5101 5101		7.8	445	31 35	10 19	46 2.00	1.0 .03	0 0	199 3.26	14 73	29 6	7.6 18	.00 .82	.5 .12	320 236	121 0	1.8	E T				
04/12/73	5101 5101		8.1	411	26 32	8.8 18	46 2.00	1.4 .04	0 1	187 3.06	15 74	24 7	6.2 16	.03 .68	.6 .10	220 219	100 0	2.0					
05/03/73	5103 1125 5050		76.0F 24.4C	8.3	212	6.8 .34	3.5 .29	49 2.14	1.6 .04	0 0	126 2.07	11 24	12 9	7.2 13	.20 .36	1.1 .12	149 155	31 0	3.8	E C			
SOUTH MESA HYDRO SUBAREA																							
11/30/72	5101 5101		7.4	521	61 57	13 1.07	27 1.17	1.2 .03	0 0	230 3.77	35 70	21 14	17.0 11	.00 .59	.3 .27	386 288	204 17	0.8	E T				
04/12/73	5101 5101		7.6	539	60 55	14 1.15	29 1.26	1.5 .04	0 1	230 3.77	47 68	19 18	17.0 10	.00 .98	.4 .54	255 301	208 19	0.9					



TABLE E-1 (CONT.)

		MINERAL ANALYSES OF GROUND WATER																			
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER				MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REM
					CA	MG	NA	K	CO3	HCO3	SO4	CL	PERCENT	REACTANCE	VALUE	NO3	B	F	TDS SUM	TH MCM	
		SANTA ANA DRAINAGE PROVINCE																			
		SANTA ANA RIVER HYDRO UNIT																			
		SAN TIMOTEO HYDRO SUBUNIT																			
		SOUTH MESA HYDRO SUBAREA																			
11/30/72	Y-01 Y-01.F Y-01.F7 02S/02W-11F01	5			49	9.6	41	2.8	0	165	64	23	15.8	.80	.4	348	162		E		
	5101		7.4	507	2.45	.79	1.78	.05	.00	2.70	1.33	.65	.24			205	27	1.4	T		
	5101				48	16	35	1		55	27	13	5								
		02S/02W-12M01																			
11/30/72	5101	5			34	10	57	1.2	0	194	42	27	6.5	.01	1.2	350	126		T		
	5101		7.7	500	1.70	.82	2.48	.03	.00	3.18	.87	.76	.18			273	0	2.2	T		
	5101				34	16	49	1		65	18	15	2								
		02S/02W-14C01																			
02/02/73	5101	5			45	16	55	.8	0	230	49	3.0	8.6	.00	1.3	250	178		S		
	5101		6.0	552	2.25	1.32	2.39	.02	.00	3.77	1.02	.06	.14			290	0	1.8			
	5101				38	22	40			75	20	2	3								
		02S/02W-14C01																			
11/30/72	5101	5			43	13	60	1.4	0	220	55	30	7.0	.02	1.4	404	160		E		
	5101		7.7	570	2.15	1.07	2.61	.04	.00	3.61	1.15	.85	.11			318	0	2.1	T		
	5101				37	18	44	1		63	20	15	2								
		02S/02W-14D01																			
04/12/73	5101	5			51	17	42	1.6	0	247	.39	28	12.0	.00	.9	292	197				
	5101		7.6	552	2.54	1.40	1.83	.04	.00	4.05	.81	.79	.19			312	0	1.3			
	5101				44	24	31	1		69	14	14	3								
		02S/02W-14D01																			
11/30/72	5101	5			42	14	60	1.6	0	215	.61	30	7.0	.02	1.4	329	162				
	5101		7.2	557	2.10	1.15	2.61	.04	.00	3.52	1.27	.85	.11			321	0	2.0			
	5101				36	19	44	1		61	22	15	2								
		04/12/73																			
04/12/73	5101	5			54	17	38	1.4	0	257	21	32	13.0	.00	.8	220	204		T		
	5101		7.3	535	2.69	1.40	1.65	.04	.00	4.21	.44	.90	.21			303	0	1.2	T		
	5101				47	24	29	1		73	6	18	4								
		05/06/73																			
05/06/73	5103	5			25	10	46	1.6	3.0	188	11	23	7.2	.00	1.1	233	107				
	1040		76.0F 24.4C	8.4	480	1.26	.86	2.02	.04	1.10	3.08	.24	.66	.12		221	0	2.0			
	5050				30	21	48	1	2	73	6	16	3								
		NOBIE CREEK HYDRO SUBAREA																			
		Y-01.F9																			
		02S/01W-22H01																			
11/07/72	5103	5			58	21	24	1.2	0	229	40	27	9.5	.00	.7	305	22				
	1400		60 F 16 C	7.9	521	2.69	1.73	1.04	.03	.00	3.75	.83	.76	.15		293	44	0.7			
	5050				51	30	18	1		68	15	14	3								
		02S/01W-22H02																			
05/18/73	5103	5			52	20	23	1.6	3.0	214	.40	24	9.7	.00	.8	290	217				
	1000		67.0F 19.4C	8.4	500	2.61	1.68	1.03	.04	.10	3.51	.85	.70	.16		281	34	0.7			
	5050				49	31	19	1	2	66	16	13	3								
		09/16/73																			
09/16/73	5103	5			54	18	20	.8	0	217	.36	24	10.4	.00	1.2	305	210				
	1400		60 F 16 C	8.3	527	2.70	1.51	.90	.02	.00	3.56	.76	.70	.17		272	33	0.6			
	5050				53	29	18			69	15	13	3								
		02S/01W-27H01																			
11/07/72	5103	5			46	17	34	1.2	0	212	.49	19	15.0	.00	1.0	306	186				
	1330		61 F 16 C	8.0	504	2.30	1.40	1.48	.03	.00	3.47	1.02	.54	.24		285	12	1.1			
	5050				44	27	28	1		66	19	10	5								
		09/16/73																			
09/16/73	5103	5			62	14	32	.8	0	206	.52	18	15.3	.00	1.4	291	186				
	1610		62 F 17 C	8.0	520	3.10	1.15	1.40	.02	.00	3.38	1.10	.53	.25		297	44	1.0			
	5050				55	20	25			64	21	10	5						S		
		SAN BERNARDINO MTN HYDRO SUBUNIT																			
		Y-01.G																			
		Y-01.G1																			
		02N/01E-17F01																			
12/01/72	5101	5			46	40	4.7	3.1	0	327	19	7.0	.4	.00	.4	298	279				
	1430		7.8	525	2.30	3.29	.20	.08	.00	5.36	.40	.20	.01			281	12	0.1			
	5101				39	56	3	1		90	7	3									
		02N/01E-20E01																			
05/14/73	5101	5			56	30	10	2.4	0	298	.32	80	2.4	.20	.3	281	264		TC		
	5101		7.5	523	2.79	2.47	.44	.06	.00	4.88	.67	2.26	.04			360	19	0.3	S		
	5101				48	43	8	1		62	9	29	1								
		02N/01E-20E99																			
12/01/72	5101	5			52	30	14	2.4	0	283	.38	11	1.7	.00	.4	305	252				
	1000		7.6	525	2.59	2.47	.61	.06	.00	4.64	.79	.31	.03			288	21	0.4			
	5101				45	43	11	1		80	14	5	1								
		02N/01W-22M02																			
05/14/73	5101	5			27	12	9.8	2.5	0	148	4.3	12	1.2	.05	.2	155	116				
	5101		7.5	269	1.35	.99	.43	.06	.00	2.29	.09	.34	.02			138	3	0.4			
	5101				48	35	15	2		84	3	12	1								
		BALDWIN HYDRO SUBAREA																			
		Y-01.G3																			
		02N/01E-12N01																			
12/01/72	5101	5			50	28	8.9	1.7	0	279	15	11	6.0	.00	.3	279	237				
	5101		7.7	486	2.50	2.30	.39	.04	.00	4.57	.31	.31	.10			258	12	0.3			
	5101				48	44	7	1		86	6	6	2								
		02N/02E-19A01																			
12/01/72	5101	5			27	15	10	1.5	0	148	18	10	.4	.00	.2	168	127				
	5101		6.8	290	1.35	1.23	.44	.04	.00	2.43	.37	.28	.01			155	8	0.4			
	5101				44	40	14	1		79	12	9									
		05/14/73																			
05/14/73	5101	5			31	15	10	1.4	0	170	13	8.0	2.1	.01	.1	189	140				
	5101		6.6	308	1.55	1.23	.44	.04	.00	2.79	.27	.23	.03			164	0	0.4			
	5101				48	38	13	1		84	8	7	1								

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN								MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER					REM
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH NCM	SAR				
																		PERCENT	CL	NO3	
				SANTA ANA DRAINAGE PROVINCE SAN JACINTO VALLEY HYDRO UNIT PERRIS HYDRO SUBUNIT PERRIS VALLEY HYDRO SUBAREA																	
05/22/73	5875 5050	74 23	F C	1100 1096	--	--	--	--	--	--	--	--	--	--	--	756					
05/16/73	5875 5050	81 27	F C	580 507	20 1.00	5.8 .48	70 3.05	3.1 .08	0 .00	114 1.87	21 .44	60 1.69	41.6 .67	.00	.3	208 278	74 0	3.5	T		
05/15/73	5875 5050			671	--	--	--	--	--	--	--	--	--	--	--	380					
05/02/73	5103 1205	80.0F 26.6C		606	1.06 19	5.8 .48	90 3.92	3.1 .08	0 .00	84 1.38	13 .27	119 3.37	23.0 .37	.60	1.6	314 318	78 8	4.5			
05/02/73	5103 1350	80.0F 26.6C		664	1.54 26	9.5 .78	79 3.44	3.1 .08	0 .00	78 1.28	16 .35	129 3.64	40.0 .65	.40	1.1	413 347	116 52	3.2			
05/02/73	5103 1145	74 23	F C	614	1.06 19	7.9 .65	86 3.76	2.0 .05	0 .00	60 1.11	26 .55	125 3.54	8.1 .13	.50	1.0	330 311	86 30	4.1			
09/28/73	5103 1355	74 23	F C	651	2.35 32	7.3 .60	97 4.22	3.5 .09	0 .00	79 1.29	20 .42	179 5.05	22.0 .35	.70	.7	572 415	147 83	3.5	T		
05/02/73	5103 1055	72 22	F C	1362	5.15 45	10.3 1.93	101 4.40	2.7 .07	0 .00	92 1.51	28 .60	312 8.80	11.8 .19	.40	.4	1088 629	354 279	2.3	E T		
05/02/73	5103 0955	70 21	F C	1362	4.43 38	28 2.38	108 4.70	3.9 .10	0 .00	159 2.61	36 .76	287 8.10	8.2 .13	.40	.5	974 640	341 210	2.5	E T		
05/02/73	5103 0205	68 20	F C	2985	7.89 30	5.6 .46	418 18.20	7.0 .18	0 .00	60 .98	21 .44	879 24.81	8.9 .14	.20	.1	1332 1529	418 369	8.9			
06/14/73	5103 0755	70 21	F C	2298	8.35 40	3.7 15	217 9.44	2.7 .07	0 .00	84 1.38	35 .73	645 18.19	14.5 .23	.50	.7	2035 1160	568 501	4.0	E T		
11/30/72	5103 1330	61 16	F C	1142	4.29 37	2.9 2.38	110 4.79	5.1 .13	1.0 .03	145 2.38	715 6.56	98 2.76	1.1 .02	.10	1.0	750 717	334 213	2.6			
05/02/73	5103 1030	63 17	F C	1122	3.75 32	3.47 30	4.40 3.7	.12 .01	.00	2.57 22	6.25 54	2.71 23	.01	.00	.5	765 697	361 233	2.3			
09/28/73	5103 1300	74 23	F C	1069	3.89 34	2.71 24	4.57 40	.15 .01	.00	2.38 4.11	6.48 1.17	2.59 2.90	.02	.10	.8	748 697	331 211	2.5			
11/24/72	5103 0935	48.0F 8.9C		866	3.24 40	2.06 25	2.74 33	.14 .02	.00	4.20 50	.92 11	2.74 33	.56 .07	.06	.5	551 460	266 55	1.7			
04/30/73	5103 1100	50 10	F C	878	2.74 31	3.47 39	2.61 2.9	.11 .01	.20 .02	4.06 4.6	1.13 13	2.71 31	.67 .8	.00	1.0	596 481	311 98	1.5			
09/27/73	5103 0905	66 19	F C	862	3.24 36	2.47 27	3.26 36	.10 .01	.00	4.11 4.6	1.17 13	2.90 33	.71 .8	.00	.8	609 500	285 80	1.9	E		
04/27/73	5103 1510	74 23	F C	1429	5.53 42	4.09 31	3.40 2.6	.22 .02	.00	3.61 28	.75 6	8.27 64	.32 .2	.10	.8	1140 705	482 301	1.6	E T		
09/29/73	5103 0815	74 23	F C	1194	4.84 43	2.38 21	3.92 35	.18 .02	.00	3.31 30	.79 7	6.57 60	.37 .3	.00	.2	1003 616	360 196	2.1	E T		
				MENIFEE HYDRO SUBAREA 4																	
04/27/73	5103 1345	78 26	F C	1786	1.35 41	.73 36	81 3.55	5.9 .15	0 .00	245 4.02	.70 1.46	382 10.78	23.0 .37	.10	.8	465 892	641 439	1.4	E T		
09/26/73	5103 1430	78 26	F C	3029	2.61 13.02	1.31 10.77	123 5.35	5.1 .13	0 .00	96 1.57	185 3.85	830 23.41	20.0 .32	.20	.4	3619 1603	1193 1112	1.6	E T		

TABLE E-1 (CONT.)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL ANALYSES OF GROUND WATER										MILLIGRAMS PER LITER					REM					
				MINERAL CONSTITUENTS IN										MILLIEQUIVALENTS PER LITER						MILLIGRAMS PER LITER				
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS SUM	TH MCH	SAR							
SANTA ANA DRAINAGE PROVINCE SAN JACINTO VALLEY HYDRD UNIT PERRIS HYDRO SUBUNIT MENIFEE HYDRO SUBAREA																								
04/27/73	5103 1430	5103 5050	78 F 26 C	8.1	1154	73	43	92	5.5	0	373	125	112	6.3	.20	1.0	748	361	2.1	S				
09/26/73	5103 1320	5103 5050	75 F 24 C	8.5	1230	99	44	116	5.1	15	359	146	133	12.0	.00	.8	873	429	2.4	E				
11/22/72	5103 1350	5103 5050	50.0F 10.0C	7.8	844	70	21	61	2.7	0	236	59	100	15.0	.04	.5	493	263	1.6					
04/27/73	5103 1305	5103 5050	74 F 23 C	8.3	504	31	22	44	1.6	0	193	23	28	42.5	.10	.9	363	171	1.5	F T S				
09/26/73	5103 1245	5103 5050	77 F 25 C	8.1	661	56	19	58	4.0	0	207	50	73	23.0	.00	.7	477	214	1.7	F				
WINCHESTER HYDRO SUBAREA																								
04/27/73	5103 1450	5103 5050	76 F 24 C	8.0	653	35	21	55	3.1	0	105	38	102	31.1	.00	.9	492	178	1.8	E T				
09/27/73	5103 0840	5103 5050	72 F 22 C	8.0	700	46	14	77	2.0	0	121	51	110	35.0	.00	.2	519	190	2.6	E T				
11/24/72	5103 0945	5103 5050	68.0F 20.0C	7.9	605	47	16	58	5.1	0	173	51	84	15.0	.04	.6	430	184	1.9					
04/30/73	5103 1115	5103 5050	64 F 18 C	8.3	782	47	31	60	5.1	0	203	36	99	25.8	.00	1.0	495	244	1.7	S				
09/27/73	5103 0925	5103 5050	72 F 22 C	8.3	864	57	19	71	5.1	0	201	49	103	26.0	.00	.8	512	222	2.1					
LAKEVIEW HYDRO SUBAREA																								
05/01/73	5103 1350	5103 5050	72 F 22 C	8.0	828	34	21	100	4.7	0	127	114	113	2.3	1.00	.4	518	173	3.3					
09/17/73	5103 5050	5103 5050	67 F 19 C	8.3	746	47	15	64	2.3	0	150	35	103	27.0	.70	.8	421	184	2.1					
11/01/72	5103 1500	5103 5050	90 F 32 C	8.2	771	53	16	73	4.3	0	151	53	118	19.0	1.20	.4	450	194	2.3					
05/20/73	5103 0815	5103 5050	67 F 19 C	8.3	757	47	17	82	3.5	0	148	47	123	17.7	.90	.6	457	189	2.6					
05/21/73	5103 0800	5103 5050	71.0F 21.6C	8.3	1066	54	18	120	5.1	0	160	24	234	3.2	1.50	.5	494	213	3.6					
09/17/73	5103 5050	5103 5050	69.0F 20.5C	8.2	1070	51	20	112	3.1	0	160	24	214	4.7	1.40	.8	500	211	3.4					
05/21/73	5103 0800	5103 5050	74.0F 23.3C	8.2	1188	55	19	140	5.1	0	146	23	279	4.2	1.50	.6	743	219	4.1					
09/07/73	5103 5050	5103 5050	68 F 20 C	8.4	386	61	21	129	5.1	2.0	155	10	273	4.7	.00	.7	222	243	3.6	TC				
11/13/72	5103 0800	5103 5050	8.3	639	55	14	51	3.9	0	194	14	78	30.0	.10	.4	350	196	1.6						
05/21/73	5103 0830	5103 5050	74.0F 23.3C	8.3	888	52	18	90	4.3	0	172	24	167	12.7	.80	.5	515	205	2.8					
09/29/73	5103 0815	5103 5050	74 F 23 C	8.1	577	47	14	50	5.0	0	187	14	72	34.0	.00	.6	346	174	1.6					



TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	FIELD EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM																				
					CA	MG	NA	K	CO3	MC03	SO4	CL	NO3	B	F	TOS	TH	SAP																						
Y Y-02 Y-02.A Y-02.A4 04S/03W-13001																				S	SANTA ANA DRAINAGE PROVINCE SAN JACINTO VALLEY HYDRO UNIT PERRIS HYDRO SUBUNIT LAKEVIEW HYDRO SUBAREA																			
05/01/73	5103	76	F			45	19	75	4.3	0	127	6.2	173	1.4	.60	.2	514	195																						
1420	5050	24	C	8.1	761	2.26	1.63	3.26	.11	.00	2.08	.13	4.90	.02	--	--	389	91	2.3	T																				
						31	22	45	2		29	2	69																											
09/28/73	5103	76	F			51	16	77	5.0	0	124	13	173	4.0	.70	.5	513	191																						
1045	5050	24	C	8.0	792	2.54	1.32	3.35	.13	.00	2.03	.27	4.88	.06	--	--	401	92	2.4	T																				
						35	18	46	2		28	4	67	1																										
Y-02.A5 04S/01W-31001																				S	MEMET HYDRO SUBAREA																			
11/29/72	5103	70	F			137	19	232	9.0	0	155	369	307	4.3	.80	.9	1220	432																						
1405	5050	21	C	8.3	1864	6.84	1.56	10.09	.23	.00	2.54	7.68	8.66	.07	--	--	1154	293	4.9																					
						37	8	54	1		13	41	46																											
09/28/73	5103	72	F			104	33	228	9.0	0	121	353	290	6.0	1.00	1.2	1152	396																						
0945	5050	22	C	7.9	1780	5.19	2.71	9.92	.23	.00	1.98	7.35	8.18	.10	--	--	1003	296	5.0																					
						29	15	55	1		11	42	46	1																										
04S/02W-11802																				S																				
05/14/73	5875	73	F			735	--	--	--	--	--	--	--	--	--	--	438																							
	5050	23	C			733																																		
04S/02W-11C01																				S																				
05/01/73	5103	62	F			36	9.7	100	5.5	0	139	153	58	1.8	.30	.6	441	132																						
1335	5050	17	C	8.2	718	1.83	.80	4.36	.14	.00	2.28	3.19	1.65	.03	--	--	434	18	3.8																					
						26	11	61	2		32	45	23																											
09/28/73	5103	70	F			42	8.0	97	6.0	0	135	150	60	4.0	.40	.9	448	136																						
1015	5050	21	C	8.0	704	2.10	.66	4.22	.15	.00	2.21	3.12	1.69	.06	--	--	434	28	3.6																					
						29	9	59	2		31	44	24	1																										
05S/01W-13C01																				S																				
11/24/72	5103	72.0F				90	27	77	9.8	0	218	223	63	28.0	.10	.8	664	335																						
1120	5050	22.2C	R.0	1005	4.49	2.22	3.35	.25	.00	3.57	4.64	1.78	.45	--	--	625	157	1.8																						
						44	22	32	2		34	44	17	4																										
04/30/73	5103	72	F			86	32	72	8.2	0	212	207	61	23.7	.00	1.2	687	354																						
1310	5050	22	C	8.3	971	4.33	2.64	3.15	.21	.00	3.47	4.32	1.72	.38	--	--	596	175	1.7	E																				
						42	26	30	2		35	44	17	4																										
05S/01W-14G01																				S																				
11/24/72	5103	50.0F				75	11	53	5.5	0	224	95	37	35.0	.06	.6	468	234																						
1305	5050	10.0C	R.0	718	3.74	.92	2.31	.14	.00	3.67	1.98	1.04	.56	--	--	422	50	1.5																						
						53	13	32	2		51	27	14	8																										
05S/01W-20801																				S																				
11/24/72	5103	56.0F				86	18	84	5.9	0	168	213	85	14.0	.08	.6	634	289																						
1010	5050	13.3C	7.9	954	4.29	1.48	3.65	.15	.00	2.75	4.43	2.40	.23	--	--	589	151	2.2																						
						45	15	38	2		28	45	24	2																										
04/30/73	5103	60	F			79	29	77	6.3	0	165	207	80	14.5	.10	1.0	654	318																						
1225	5050	16	C	8.2	951	3.96	2.40	3.35	.16	.00	2.70	4.31	2.27	.23	--	--	575	183	1.9																					
						40	24	34	2		28	45	24	2																										
09/27/73	5103	72	F			87	21	86	5.1	0	165	218	85	16.0	.00	.7	687	301																						
0955	5050	22	C	8.1	945	4.34	1.73	3.74	.13	.00	2.70	4.54	2.40	.26	--	--	599	160	2.1	E																				
						44	17	38	1		27	46	24	3																										
05S/01W-20001																				S																				
11/24/72	5103	68.0F				83	31	74	10	0	198	205	76	42.0	.08	.8	643	335																						
1145	5050	20.0C	R.1	1007	4.14	2.55	3.22	.26	.00	3.25	4.27	2.14	.68	--	--	619	172	1.8		T																				
						41	25	32	3		31	41	21	7																										
05S/01W-21A01																				S																				
11/24/72	5103	75.0F				64	15	64	7.0	0	168	109	76	18.0	.04	.6	483	219																						
1020	5050	23.9C	8.0	773	3.19	1.23	2.78	.18	.00	2.75	2.27	2.14	.29	--	--	436	84	1.9																						
						43	17	38	2		37	30	29	4																										
04/30/73	5103	72	F			58	25	64	5.1	0	167	96	78	20.1	.10	1.0	492	245																						
1220	5050	22	C	8.3	769	2.93	2.07	2.80	.13	.00	2.74	2.00	2.22	.32	--	--	431	113	1.8																					
						37	26	35	2		38	27	30	4																										
Y-02.B Y-02.B1 05S/01E-05M02																				S	SAN JACINTO HYDRO SUBUNIT SAN JACINTO HYDRO SUBAREA																			
05/01/73	5103	64	F			28	7.1	20	2.3	0	136	10	12	2.3	.00	.2	175	102																						
1000	5050	18	C	8.1	292	1.44	.58	.91	.06	.00	2.23	.21	.36	.04	--	--	151	0	0.9																					
						48	19	30	2		79	7	13	1																										
09/27/73	5103	72	F			30	3.0	30	2.0	0	137	19	15	4.0	.00	.6	188	86																						
1255	5050	22	C	7.9	289	1.50	.25	1.31	.05	.00	2.25	.40	.42	.06	--	--	170	0	1.4																					
						48	8	42	2		72	13	13	2																										
05S/01E-06E01																				S																				
05/07/73	5875	68	F			390	51	6.8	25	3.5	0	176	45	12	1.6	.00	.3	212	155																					
1200	5050	20	C	7.8	422	2.54	.56	1.09	.09	.00	2.88	.94	.34	.03	--	--	231	11	0.9																					
						59	13	25	2		69	22	8	1																										
05S/01E-07K01																				S																				
05/23/73	5875	70	F			830	--	--	--	--	--	--	--	--	--	--	606																							
0845	5050	21	C			889																																		

TABLE E-1 (CONT)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL ANALYSES OF GROUND WATER											MILLIGRAMS PER LITER					REMARKS
				MINERAL CONSTITUENTS IN				MILLIEQUIVALENTS PER LITER				PERCENT REACTANCE VALUE			S102	TOS SUM	TM NCM	SAR		
				CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F						
Y Y-02 Y-02.B Y-02.B1 SANTA ANA DRAINAGE PROVINCE SAN JACINTO VALLEY HYDRO UNIT SAN JACINTO HYDRO SUBUNIT SAN JACINTO HYDRO SUBAREA																				
05/22/73	5875 5050	65 F 18 C	7.6	445 454	43 2.15	7.4 .61	39 1.70	3.1 .08	0 .80	182 2.98	32 .67	21 .59	17.4 .28	.00	.5 --	204 252	13A 0	1.4 T		
09/27/73	5103 1230 5050	67 F 19 C	8.0	361	1.80 46	5.0 .41	36 1.57	4.0 .10	0 .00	160 2.62	25 .52	20 .56	5.0 .08	.00	.6 --	238 210	109 0	1.5		
05/00/73	5875 5050	7.6	964	3.69 38	2.06 21	3.78 39	4.8 1	0 .00	272 4.46	175 3.64	34 .96	39.6 .64	.12	.9 --	563 573	289 65	2.2			
05/17/73	5875 1100 5050	68 F 20 C		365 358	--	--	--	--	--	--	--	--	--	--	--	205				
05/11/73	5875 5050	7.7	273	1.10 41	.34 13	1.17 44	.06 2	0 .00	135 2.21	1.9 .04	15 .42	.8 .01	.05	.2 --	176 140	72 0	1.4 T			
05/11/73	5875 5050	73 F 23 C	7.6	1160	1.35 12	1.07 9	8.92 78	.05	0	163 2.67	318 6.62	56 1.58	4.2 .07	.45	5.6 --	643 706	120 0	8.1		
04/30/73	5103 1400 5050	68 F 20 C	8.2	1125	5.00 41	3.80 31	3.25 26	.24 2	0	217 3.56	260 5.43	84 2.39	56.7 .91	.00	.9 --	812 740	440 262	1.5		
05/22/73	5875 5050	69 F 21 C		1130 1196	--	--	--	--	--	--	--	--	--	--	--	805				
09/27/73	5103 1205 5050	70 F 21 C	7.8	1101	4.84 41	3.21 27	3.61 30	.28 2	0	152 2.49	292 6.08	91 2.57	42.0 .68	.00	1.2 --	778 730	402 278	1.8		
05/07/73	5875 1100 5050	74.3F 23.5C	8.1	870	3.69 42	.82 9	4.22 48	.15 2	0	163 2.67	215 4.48	47 1.33	11.1 .18	.05	.3 --	573 540	226 92	2.8		
05/16/73	5875 5050	73 F 23 C	7.9	876	3.79 43	1.07 12	3.83 43	.17 2	0	175 2.87	188 3.91	47 1.33	31.0 .50	.07	.6 --	535 536	241 100	2.5		
04/30/73	5103 1340 5050	68 F 20 C	8.3	960	3.94 38	3.23 31	3.05 29	.21 2	0	175 2.87	215 4.48	75 2.13	45.2 .73	.00	.8 --	642 618	359 215	1.6		
09/27/73	5103 1145 5050	70 F 21 C	7.9	1028	5.14 45	2.71 24	3.39 30	.23 2	0	223 3.65	207 4.31	84 2.37	48.0 .77	.00	1.1 --	723 672	391 210	1.7		
05/11/73	5875	68.9F 20.5C	8.2	1045	5.19 47	2.47 22	3.22 29	.22 2	0	268 4.39	231 4.81	53 1.49	9.8 .16	.11	.6 --	693 642	383 164	1.6		
05/18/73	5103 0915 5050	62.0F 16.7C	8.5	389	1.88 44	1.55 36	.85 20	.04 1	4.0 3	218 3.57	10 .22	11 .31	4.2 .07	.00	.6 --	221 215	173 0	0.6		
09/16/73	5103 1600 5050	62.0F 16.7C	8.1	402	1.89 46	1.51 36	.72 17	.02	0	222 3.64	7.4 .15	11 .33	4.0 .06	.00	.9 --	229 206	170 0	0.6		
11/07/72	5103 1245 5050	61 F 16 C	8.2	401	2.59 51	1.48 29	1.00 20	.05 1	0	4.02 77	.58 11	4.8 9	.11 2	.00	.7 --	279 267	204 3	0.7		
05/18/73	5103 0925 5050	66.0F 18.9C	8.5	354	3.17 65	.89 15	.73 20	.96 1	1.6 3	3.0 3.08	188 .22	10 .28	3.2 .05	.00	.3 --	209 215	147 36	0.7		
05/18/73	5103 0920 5050	68.0F 20.0C	8.5	338	1.50 41	1.06 29	1.07 29	.04 1	2.0 2	184 3.02	9.9 .21	9.9 .28	3.5 .06	.00	.3 --	190 185	129 0	0.9		
09/16/73	5103 1545 5050	63 F 17 C	8.2	383	1.74 46	1.19 31	.84 22	.03 1	0	198 3.25	5.8 .12	10 .30	5.2 .08	.00	.8 --	222 189	147 0	0.7		
11/07/72	5103 1315 5050	62 F 17 C	8.3	479	2.45 49	1.56 31	.96 19	.04 1	0	246 4.03	.26 .54	18 .51	7.0 .11	.00	.7 --	273 264	200 0	0.7		

TABLE E-1 (CONT.)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM		
				CA	MG	NA	K	CO3	MC03	504	CL	NO3	B	F	TD5 SUM	TM NCM	SAR			
				SANTA ANA DRAINAGE PROVINCE																
				SAN JACINTO VALLEY HYDRO UNIT																
				SAN JACINTO HYDRO SUBUNIT																
				SAN JACINTO HYDRO SUBAREA																
05/18/73	5875 5050	77 F 25 C	1150 7.7 1503	7.2 .36 2	1.7 .14 1	326 14.18 96	1.5 .04 0.00	0 .00 2.61	159 7.08 18	340 4.46 50	158 4.2 31	4.2 .07 0.29	10.8 --	868 917	25 0	28.4 x				
				035/02W-08E01 S																
05/10/73	5875 1430 5050	81 F 27 C	1400 8.3 1202	14 .70 6	9.3 .76 6	250 10.88 88	1.9 .05 0.00	0 .00 5.29	323 19 43	9.1 .19 2	220 6.20 50	37.2 .60 5	1.72 --	1.2 722 702	73 0	12.7				
				035/02W-18R02 S																
05/10/73	5875 1500 5050	79 F 26 C	1850 8.3 1745	20 1.00 5	11 .91 5	400 17.40 90	1.2 .03 0.00	0 .00 15.26	931 79	.5 .01	145 4.09 21	.7 .01	.43 --	.8 1088 1037	96 0	17.8				
				035/02W-21A02 S																
05/10/73	5875 1120 5050	79 F 26 C	2000 8.0 2183	5.1 2.69 12	3.6 2.47 11	504 17.75 77	1.0 .03 0.00	0 .00 15.80	964 70	68 1.42 6	185 5.22 23	9.5 .15 1	1.23 --	3.4 1338 1231	258 0	11.0				
				035/02W-26M01 S																
05/10/73	5875 1130 5050	79 F 26 C	2000 8.1 1961	5.1 .25 1	3.6 .30 1	504 21.92 97	1.0 .03 0.00	0 .00 20.04	1223 90	12 .25 1	70 1.97 9	.3 .00	1.19 --	7.0 1199	28 0	41.8				
				035/02W-35002 S																
05/22/73	5875 5050	70.5F 21.4C	2437	--	--	--	--	--	--	--	--	--	--	--	1448					
				045/01W-07L01 S																
05/00/73	5875 5050	7.7	470 497	43 2.15 43	7.2 .59 12	50 2.18 44	2.4 .06 1	0 .00 3.77	230 77	.0 .00	35 .99 20	6.7 .11 2	.11 --	.4 258 258	137 0	1.9				
				045/01W-08C01 S																
05/10/73	5875 0800 5050	74.3F 23.5C	7.8 420 401	18 .90 22	3.0 .25 6	68 2.96 71	1.6 .04 1	0 .00 3.75	229 90	2.4 .05 1	11 .31 7	2.2 .04 1	.08 --	.3 254 219	58 0	3.9				
				045/01W-15N03 S																
05/23/73	5875 5050		463	--	--	--	--	--	--	--	--	--	--	--	260					
				045/01W-16C01 S																
11/24/72	5103 1530 5050	74 F 23 C	8.0 408	38 1.90 46	2.8 .23 6	43 1.87 46	3.5 .09 2	0 .00 3.21	196 77	5.6 .12 3	25 .71 17	6.6 .11 3	.00 --	.8 267 221	107 0	1.8				
				045/01W-16F01 S																
05/01/73	5103 1205 5050	74 F 23 C	8.3 364	30 1.54 40	5.8 .48 12	40 1.77 46	3.1 .08 2	0 .00 3.21	196 83	1.2 .02 1	19 .56 14	4.7 .08 2	.00 --	.7 241 203	101 0	1.8				
				045/01W-17F03 S																
09/28/73	5103 0915 5050	74 F 23 C	8.1 357	34 1.70 43	4.0 .33 8	42 1.83 46	3.0 .08 2	0 .00 3.29	201 83	5.0 .10 3	16 .45 11	8.0 .13 3	.00 --	1.1 235 211	100 0	1.8				
				045/01W-17F06 S																
05/09/73	5875 1400 5050	7.9	375 338	36 1.80 55	3.2 .26 8	27 1.17 36	2.4 .06 2	0 .00 2.92	178 90	.0 .00	9.3 .26 8	5.0 .08 2	.00 --	.3 178 170	103 0	1.2				
				045/01W-17F03 S																
05/14/73	5875 5050	66 F 19 C	7.4 390 363	40 2.00 54	5.8 .48 13	27 1.17 32	2.5 .06 2	0 .00 3.18	194 87	.0 .00	12 .34 9	8.8 .14 4	.03 --	.2 206 192	124 0	1.1				
				045/01W-17F06 S																
05/22/73	5875 5050	68 F 20 C	450 433	--	--	--	--	--	--	--	--	--	--	--	263					
				045/01W-18001 S																
05/17/73	5875 5050	77 F 25 C	7.6 1350 1252	47 2.35 20	5.2 .43 4	208 9.05 76	4.5 .12 1	0 .00 4.20	256 36	.3 .01	258 7.28 62	10.6 .17 1	3.06 --	.9 623 663	139 0	7.7				
				045/01W-21F01 S																
05/09/73	5875 1330 5050	73 F 23 C	7.9 370 316	36 1.80 56	3.6 .30 9	24 1.04 33	2.5 .06 2	0 .00 2.70	165 84	5.8 .12 4	14 .39 12	.4 .01	.02 --	.1 196 167	109 0	1.0				
				045/01W-21P03 S																
05/09/73	5875 1300 5050	66 F 19 C	7.7 740 712	74 3.69 51	14 1.15 16	51 2.22 31	5.3 .14 2	0 .00 3.72	227 52	61 1.27 18	55 1.55 22	40.5 .65 9	.02 --	.2 461 412	242 56	1.4				
				045/01W-21001 S																
05/14/73	5875 1330 5050	64 F 18 C	320 305	--	--	--	--	--	--	--	--	--	--	--	167					
				045/01W-22001 S																
05/09/73	5875 1000 5050	68 F 20 C	420 392	--	--	--	--	--	--	--	--	--	--	--	226					



TABLE E-1 (CONT)

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL ANALYSES OF GROUND WATER				MILLIGRAMS PER LITER					MILLIGRAMS PER LITER					REM
				MINERAL CONSTITUENTS IN				MILLIEQUIVALENTS PER LITER					PERCENT REACTANCE VALUE					
				CA	Mg	NA	K	CO3	HCO3	SO4	CL	NO3	S	F	TD5	TW	SAF	
SANTA ANA DRAINAGE PROVINCE SAN JACINTO VALLEY HYDRO UNIT SAN JACINTO HYDRO SUBUNIT SAN JACINTO HYDRO SUBAREA																		
05/09/73 0800	5875 5050	66 F 19 C	7.8	410 428	50 2.50	6.0 .49	27 1.17	2.7 .07	0	195 3.20	.33 .69	14 .39	1.0 .02	.00	.2	264	150	1.0
05/14/73 1300	5875 5050	68.9F 20.5C	7.9	490 480	57 2.84	8.0 .66	30 1.31	3.4 .09	0	218 3.57	.37 .77	18 .51	.3 .00	.00	.4	266	175	1.0
05/09/73 0645	5875 5050	8.0	504	66 3.29	6.7 .55	32 1.39	3.4 .09	0	232 3.80	.58 1.21	12 .34	1.0 .02	.01	.3	279	192	1.0	
05/09/73 0930	5875 5050	8.1	545	70 3.49	8.4 .69	32 1.39	3.3 .08	0	225 3.69	.58 1.21	23 .65	4.2 .07	.00	.3	310	209	1.0	
05/15/73 1100	5875 5050	66 F 19 C	7.4	320 304	35 1.75	3.8 .31	20 .87	2.9 .07	0	159 2.61	1.8 .04	11 .31	1.4 .02	.00	.7	107	103	0.9
05/15/73 1145	5875 5050	66 F 19 C	7.5	365 355	36 1.80	5.6 .46	30 1.31	3.0 .08	0	185 3.03	.5 .01	13 .37	5.9 .10	.00	.5	134	113	1.2
05/23/73	5875 5050	8.0	606	79 3.94	9.0 .74	33 1.44	3.6 .09	0	237 3.88	.63 1.31	39 1.10	.6 .01	.00	.3	390	234	0.9	
11/24/72 1510	5103 5050	62 F 17 C	8.3	323	43 2.15	1.5 .12	21 .91	2.9 .07	0	168 2.75	8.2 .17	15 .42	1.0 .02	.00	.3	211	112	0.9
09/27/73 1400	5103 5050	62 F 17 C	8.0	315	46 2.30	1.3 .11	22 .96	3.0 .08	0	173 2.84	14 .29	12 .34	.0 .00	.00	.4	209	120	0.9
05/21/73	5875 5050	65 F 18 C	7.9	650 650	84 4.19	11 .90	36 1.57	4.4 .11	0	163 2.67	181 3.77	7.7 .22	3.6 .06	.00	.3	450	257	1.0
05/29/73 1600	5103 5050	66.0F 18.9C	8.0	451	56 2.82	7.8 .64	25 1.09	2.3 .06	0	180 2.95	66 1.38	14 .41	.0 .00	.00	.1	294	175	0.8
09/27/73 1345	5103 5050	78 F 26 C	7.7	337	30 1.50	2.0 .16	39 1.70	3.0 .08	0	107 1.75	43 .90	25 .71	.0 .00	.00	.4	210	84	1.9
05/17/73 1430	5875 5050	77 F 25 C	7.7	650 651	45 2.25	7.9 .65	92 4.00	3.0 .08	0	398 6.52	.0 .00	12 .34	9.0 .15	.06	.4	320	145	3.3
05/10/73	5875 5050	8.0	650	40 2.00	6.1 .50	99 4.31	3.1 .08	0	379 6.21	.0 .00	16 .45	10.8 .17	.09	.4	368	125	3.9	
11/24/72 1500	5103 5050	68 F 20 C	8.5	434	51 2.54	2.7 .22	32 1.39	4.3 .11	0	168 2.75	38 .79	22 .62	2.9 .05	.00	.4	277	138	1.2
05/21/73	5875 5050	68.5F 20.3C	8.0	430 444	51 2.54	5.6 .46	31 1.35	3.9 .10	0	182 2.98	52 1.08	15 .42	2.0 .03	.00	.3	298	150	1.1
05/17/73 0800	5875 5050	6.7	784	38 1.90	6.6 .54	116 5.05	7.5 .19	0	256 4.20	90 1.87	47 1.33	1.0 .02	.00	.4	367	122	4.6	
09/27/73 1015	5103 5050	75 F 24 C	8.0	758	62 3.09	17 1.40	70 3.05	4.0 .10	0	153 2.51	117 2.44	83 2.34	22.0 .35	.00	.8	519	222	2.0
04/25/73 1400	5103 5050	76 F 24 C	7.9	357	21 1.08	7.8 .64	43 1.88	1.4 .04	0	133 2.18	27 .57	18 .52	5.0 .08	.00	.7	233	77	2.0
09/26/73 0820	5103 5050	8.0	349	23 1.15	5.0 .41	46 2.00	.8 .02	0	131 2.15	36 .75	21 .59	6.0 .10	.00	1.7	204	76	2.3	
ELSTONRE HYDRO SUBUNIT ELSTONRE HYDRO SUBAREA																		

TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN										MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				TDS	TH	SA-	MG					
				CA	MG	NA	K	CO3	HCO3	CL	NO3	0	F	5102	5102	5102	5102													
				mg	mg	mg	mg	mg	mg	mg	mg	mg	mg	mg	mg	mg	mg	mg	mg	mg										
SANTA ANA DRAINAGE PROVINCE SAN JACINTO VALLEY HYDRO UNIT ELSINORE HYDRO SUBUNIT ELSINORE HYDRO SUBAREA																														
04/25/73	5103 1410	72 F 22 C	617	3.12	1.24	1.53	.07	0.00	2.72	1.57	1.05	.62	.00	.0	410	21*	1.0													
09/26/73	5103 0850	72 F 22 C	480	2.30	.90	1.70	.05	0.00	2.38	1.50	.82	.21	.00	1.4	305	141	1.1													
11/22/72	5103 1230	66.0F 18.9C	959	3.59	1.89	3.92	.13	0.00	2.47	3.27	3.81	.12	.04	.4	623	272	2.4													
04/27/73	5103 0920	70 F 21 C	932	3.27	1.75	3.95	.10	0.00	2.43	3.11	3.45	.10	.00	.1	507	251	2.5													
09/26/73	5103 1005	70 F 21 C	932	3.19	1.56	4.31	.08	0.00	2.26	3.00	3.64	.10	.00	1.0	578	23*	2.4													
11/22/72	5103 1245	61.0F 16.1C	838	2.10	.81	4.79	.18	0.00	2.88	3.02	2.06	.13	.20	.6	531	146	4.0													
04/27/73	5103 1020	66 F 19 C	605	1.33	.77	3.65	.12	0.00	2.56	1.71	1.31	.09	.10	.2	366	105	3.6													
09/26/73	5103 1120	70 F 21 C	762	1.90	.90	4.67	.10	0.00	2.52	2.58	2.31	.08	.00	.6	514	141	4.1													
06/14/73	5103 1135	76 F 24 C	550	1.11	.63	2.90	.03	0.00	1.61	.79	2.56	.03	.00	1.5	315	111	3.1													
11/22/72	5103 1305	78.0F 25.5C	550	1.45	.82	2.70	.05	0.00	2.84	.46	1.64	.23	.02	.7	353	113	2.5													
04/27/73	5103 1115	76 F 24 C	125*	7.31	2.28	4.08	.04	0.00	4.97	4.38	2.71	.89	.10	.0	883	467	1.9													
09/26/73	5103 1135	78 F 26 C	530	1.45	.82	3.05	.03	0.00	2.87	.45	1.78	.24	.00	1.2	388	112	2.9													
11/22/72	5103 1105	72.0F 22.2C	606	3.24	.92	1.52	.04	0.00	2.39	3.19	.31	.02	.01	.5	435	209	1.1													
09/26/73	5103 0105	74 F 23 C	586	3.19	1.15	1.87	.05	0.00	2.34	3.04	.65	.01	.00	1.1	378	216	1.3													
04/25/73	5103 1510	70 F 21 C	657	3.13	2.20	1.52	.04	0.00	3.67	2.33	.90	.01	.10	.0	459	267	0.9													
09/26/73	5103 0935	74 F 23 C	675	3.44	2.38	1.65	.03	0.00	3.72	2.85	1.04	.01	.00	.9	507	293	1.0													
04/25/73	5103 1445	70 F 21 C	749	3.64	2.32	1.76	.05	0.00	3.36	3.09	1.06	.30	.00	.1	521	298	1.0													
09/26/73	5103 1030	78 F 26 C	781	4.24	2.47	1.83	.04	0.00	2.93	4.14	1.07	.39	.00	1.0	554	336	1.0													

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER PERCENT REACTANCE VALUE					MILLIGRAMS PER LITER					REM				
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	B	F	TDS	TH	SAR						
<p>SAN DIEGO DRAINAGE PROVINCE                      SAN JUAN HYDRO UNIT                      LAGUNA HYDRO SUBUNIT                      ALISO HYDRO SUBAREA</p>																								
10/02/72	5102 5868				7.5	4820	193 17	194 28	715 55	10 .27	--	483 14	1344 50	720 36	.2 0.00	1.13 22.0	1.0	1285	8.7					
09/18/73	5134 5868				7.3	4590	191 17	186 28	692 54	11 1	0 .30	464 14	1302 50	704 36	1.0 .02	.43 21.0	1.0 3338	1244 864	8.5					
<p>Z-01.8                      SAN JUAN HYDRO SUBUNIT</p>																								
03/29/73	5102 5868				7.2	370	42 54	11 23	20 22	1.8 .05	--	104 1.70	88 1.83	11 .31	.7 .01	.09 13.0	.4	149	0.7					
09/26/73	5134 5868				8.8	2300	39 8	92 30	360 62	6.4 1	9.0 1	150 10	629 52	335 37	.1 .00	.39 2.0	.3 1547	476 338	7.2					
09/20/73	5134 5868				8.0	1500	198 56	39 19	101 25	4.0 1	0 .00	293 27	432 51	126 20	11.7 1	.08 25.0	.3 1082	658 418	1.7					
09/20/73	5134 5868				8.1	2400	268 45	77 22	220 32	6.6 1	0 .00	260 15	751 54	316 31	4.7 .08	.15 16.0	.4 1787	987 774	3.0					
09/23/73	5134 5868				8.1	2400	301 51	73 20	195 29	6.5 1	0 .00	389 6.38	752 15.66	248 54	.1 .00	.26 22.0	.5 1790	1054 735	2.6					
<p>Z-02                      SANTA MARGARITA HYDRO UNIT                      YSIDORA HYDRO SUBUNIT                      YSIDORA HYDRO SUBAREA</p>																								
06/18/73	5050 0930				70 21	F C	3.4	16046	33.23	35.36	104.01	1.20	.00	.00	7.27	162.40	.02	.34	.4	11839	3430	3432	17.8	E
<p>Z-02.43                      UPPER HYDRO SUBAREA</p>																								
10/16/72					7.6	3200	208 33	131 34	232 32	13 1	0 .00	281 4.61	486 14.28	440 12.41	44.0 .71	--	.8 19.0	1900 1911	1060 828	3.1				
<p>Z-02.C                      MURRIETA HYDRO SUBUNIT                      DIAMOND HYDRO SUBAREA</p>																								
04/30/73	5103 1245				68 20	F C	8.2	582	1.78	1.82	2.30	.08	.00	2.77	1.26	1.22	.31	.10	1.0	377	180	42	1.7	S
09/27/73	5103 1130				78 26	F C	8.1	575	42 36	14 20	58 43	2.0 .05	0 .00	173 2.84	71 1.48	46 1.30	21.0 .34	.00	.5	380	162	21	2.0	
<p>Z-02.G                      ANZA HYDRO SUBUNIT                      UPPER COAHUILA HYDRO SUBAREA</p>																								
08/22/73	5103 5050				63.5F 17.5C	7.4	1315	140 47	54 30	69 21	9.4 .24	0 .00	157 2.57	460 9.59	88 2.49	.5 .01	.00	1.1	1003	574	900	445	1.3	E
08/17/73	5000 1200				81 27	F C	7.6	1252	127 52	40 27	52 19	7.8 .20	0 .00	193 3.16	384 8.00	26 .74	.0	.00	1.0	780	485	733	327	1.0
<p>Z-02.G3                      ANZA HYDRO SUBAREA</p>																								
08/02/73	5000 1030				68 20	F C	7.9	514	38 35	17 26	47 37	4.7 .12	0 .00	234 3.84	9.9 .21	36 1.03	16.4 .26	.10	1.0	289	168	287	0	1.6
08/02/73	5000 1040				63 17	F C	8.2	392	27 32	16 31	34 35	3.1 .08	0 .00	160 2.62	12 .26	23 .66	33.8 .55	.10	1.2	211	134	229	3	1.3
07/16/73	5000 1300						8.1	369	29 37	13 12	30 33	2.0 .05	0 .00	135 2.21	18 .39	40 1.15	9.5 .15	.00	.9	226	130	211	19	1.2
<p>075/03E-36E01</p>																								
08/01/73	5000 0920				66 19	F C	7.8	422	26 30	13 26	42 43	2.7 .07	0 .00	144 2.36	.17 .36	46 1.32	4.8 .08	.00	.9	230	122	225	4	1.7



TABLE E-1 (CONT)

MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN	MILLIGRAMS PER LITER							MILLIEQUIVALENTS PER LITER					REMARKS			
					CA	MG	NA	K	CO3	HCO3	SO4	CL	NO3	H	F	TDS SUM		TH NCH	SAR	
				SAN DIEGO DRAINAGE PROVINCE																
				SAN LUIS REY HYDRO UNIT																
				BONSALL HYDRO SUBUNIT																
				MISSION HYDRO SUBAREA																
06/18/73	5050				214	84	820	.0	0	7	10	1078	10.0	.23	.2	3580	879	12.1		
1230	5050		5.7	5916	10.80	6.91	36.02	.00	.00	.11	.21	52.96	.16		--	3028	875			
				SAN DIEGUITO HYDRO UNIT																
				SAN DIEGUITO HYDRO SUBUNIT																
				SAN DIEGUITO HYDRO SUBAREA																
06/17/73	5050				208	30	773	14	0	67	747	1093	4.0	4.40	1.1	3114	438	13.3		
0900	5050	70 F	7.8	4771	10.28	2.47	33.63	.36	.00	1.10	15.55	30.82	.06		--	2904	583			
				SAN DIEGO HYDRO UNIT																
				LOWER SAN DIEGO HYDRO SUBUNIT																
				SANTEE HYDRO SUBAREA																
06/16/73	5050				108	35	655	16	0	0	43	1339	.0	.62	.2	2392	413			
0900	5050	68 F	2.5	5027	5.39	2.08	28.49	.41	.00	.00	.90	37.76	.00		--	2197	414	14.0	C	
				SAN DIEGO HYDRO UNIT																
				LOWER SAN DIEGO HYDRO SUBUNIT																
				SANTEE HYDRO SUBAREA																
06/17/73	5050				77	574	4000	207	14	564	1074	6796	5.3	.52	.9	14412	2556	34.4		
1330	5050	67.0 F	8.5	21735	3.84	47.21	174.00	5.30	.47	9.24	22.36	191.65	.09		--	13025	2069			
				SAN DIEGO HYDRO UNIT																
				LOWER SAN DIEGO HYDRO SUBUNIT																
				SANTEE HYDRO SUBAREA																
06/16/73	5050				69	14	690	12	0	31	300	983	51.0	1.50	.7	2160	231	19.8		
1300	5050	69 F	6.8	3731	3.44	1.15	30.02	.31	.00	.51	6.25	27.72	.82		--	2136	204			
				TIA JUANA HYDRO UNIT																
				TIA JUANA HYDRO SUBUNIT																
				TIA JUANA HYDRO SUBAREA																
08/23/73	5089				82	55	115	4.6	0	256	134	184	18.0	.60	.7	797	430	2.4		
5877			8.0	1250	4.09	4.52	5.00	.12	.00	4.20	2.79	5.19	.29		7.4	726	221		S	
				TIA JUANA HYDRO UNIT																
				TIA JUANA HYDRO SUBUNIT																
				TIA JUANA HYDRO SUBAREA																
06/24/73	5050				135	138	676	11	0	177	447	1264	34.0	.84	.3	3227	905	9.8		
1600	5050	67 F	8.0	4939	6.74	11.35	29.41	.28	.00	2.90	9.31	35.64	.55		--	2793	760			
				TIA JUANA HYDRO UNIT																
				TIA JUANA HYDRO SUBUNIT																
				TIA JUANA HYDRO SUBAREA																
06/22/73	5050				399	229	717	6.3	0	100	312	2195	1.0	.22	.5	5132	1941	7.1		
0930	5050	66 F	7.9	6814	19.91	18.83	31.19	.16	.00	1.64	6.50	61.90	.02		--	3909	1056		E T	
				TIA JUANA HYDRO UNIT																
				TIA JUANA HYDRO SUBUNIT																
				TIA JUANA HYDRO SUBAREA																
06/21/73	5050				21	42	336	13	11	309	248	343	1.0	.40	.5	1274	228	9.7		
0900	5050	71 F	8.6	2035	1.05	3.45	14.62	.33	.37	5.06	5.16	9.67	.02		--	1167	0			
				TIA JUANA HYDRO UNIT																
				TIA JUANA HYDRO SUBUNIT																
				TIA JUANA HYDRO SUBAREA																
06/19/73	5050				45	36	469	14	0	121	19	832	36.0	.11	.1	1632	250	12.6		
1300	5050	69 F	7.4	3072	2.25	2.96	20.40	.36	.00	1.98	.40	23.46	.58		--	1511	162			
				TIA JUANA HYDRO UNIT																
				TIA JUANA HYDRO SUBUNIT																
				TIA JUANA HYDRO SUBAREA																
06/20/73	5050				67	113	593	5.9	0	166	646	936	13.0	.50	.5	2764	846	8.9		
1115	5050	67 F	7.5	4139	7.63	9.29	25.80	.15	.00	2.72	13.45	26.40	.21		--	2542	711			
				TIA JUANA HYDRO UNIT																
				TIA JUANA HYDRO SUBUNIT																
				TIA JUANA HYDRO SUBAREA																
06/24/73	5050				371	218	1127	22	0	13	10	3023	12.0	.04	.2	5860	1624	11.5		
1200	5050	70 F	6.7	8776	18.51	17.93	49.02	.56	.00	.21	.21	85.25	.19		--	4789	1813			
				TIA JUANA HYDRO UNIT																
				TIA JUANA HYDRO SUBUNIT																
				TIA JUANA HYDRO SUBAREA																
06/18/73	5050				777	262	1058	7.8	0	0	78	4722	3.7	.30	.3	4682	3017	8.4		
0930	5050	71 F	1.9	16774	38.77	21.55	46.02	.20	.00	.00	1.62	133.16	.06		--	6909	3018		E T S	
				TIA JUANA HYDRO UNIT																
				TIA JUANA HYDRO SUBUNIT																
				TIA JUANA HYDRO SUBAREA																
06/22/73	5050				65	160	132	763	3.1	0	179	550	1303	3.4	.82	.7	3389	943	10.8	
5050		65 F	7.9	5600	7.98	10.86	33.19	.08	.00	2.93	11.45	36.74	.05		--	3003	796			
				TIA JUANA HYDRO UNIT																
				TIA JUANA HYDRO SUBUNIT																
				TIA JUANA HYDRO SUBAREA																
06/18/73	5050				258	95	354	2.7	0	254	471	775	2.8	.62	.7	2501	1038	4.8		
5050		69 F	8.1	3957	12.07	7.81	15.40	.07	.00	4.16	9.81	21.86	.05		--	2084	827			

## TABLE E-2 MINOR ELEMENT ANALYSES OF GROUND WATER

The **CONSTITUENTS** are as follows:

Arsenic	Chromium	Mercury
Barium	Copper	Lead
Cadmium	Iron	Selenium
Chromium Hexavalent	Manganese	Silver
		Zinc

The **LAB** and **SAMPLER** codes are as follows:

- 1200 – Los Angeles Department of Water and Power
- 4206 – Long Beach Water Department
- 4790 – Babcock Lab
- 5050 – Department of Water Resources
- 5088 – Santa Ana River Basin Regional W.Q.C.B. (No. 8)
- 5089 – San Diego Regional W.Q.C.B. (No. 9)
- 5121 – Ventura County Flood Control District
- 5867 – Fruit Growers Lab
- 5877 – Environmental Engineering Lab., Inc., Chula Vista
- 5999 – Unknown

**Explanation of NUMBER** used to indicate the **AMOUNT** of **CONSTITUENT** in a sample:

### EXAMPLE

0.05 D = 0.05 milligrams per liter: Dissolved

0.0014 T = 0.0014 milligrams per liter: Total

TABLE E-2 (CONT.)

## MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PM	CONSTITUENTS IN MILLIGRAMS PER LITER					LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
					ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON					
			CENTRAL COASTAL DRAINAGE PROVINCE										
			SAN LUIS DRISPO HYDRO UNIT										
			SAN LUIS DRISPO HYDRO SUBUNIT										
			LOS OSOS HYDRO SUBAREA										
T T-10 T-10.8 T-10.83 305/11E-17M03 M													
06/05/73	5050				--	--	--	--	0.00	T	--	--	--
305/11E-21004 M													
06/06/73	5050				--	--	--	--	1.1	T	--	--	--
T-12 T-12.C 07N/23W-21R01 S			SANTA MARIA-CUYAMA HYDRO UNIT										
			CUYAMA VALLEY HYDRO SUBUNIT										
05/04/73	5121			69.0F	--	--	--	--	0.1	T	0.0	T	--
1030	5867												
07N/24W-120025 S													
05/04/73	5121			60.0F	--	--	--	--	0.0	T	0.0	T	--
1205	5867												
08N/23W-14J015 S													
05/03/73	5121			60.0F	--	--	--	--	0.0	T	0.0	T	--
1330	5867												
08N/24W-168015 S													
05/03/73	5121			58.0F	--	--	--	--	0.5	T	0.33	T	--
1100	5867												



TABLE E-2 (CONT.)  
MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	USCH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER					LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM	
					ARSENIC	BARIUM	CADMIUM	CHROM (HEX)	COPPER IRON					
LOS ANGELES DRAINAGE PROVINCE														
VENTURA RIVER HYDRO UNIT														
UPPER VENTURA RIVER HYDRO SUBUNIT														
U-02 U-02.0 04N/22W-16K07 S														
06/14/73 0830	5050 5050			69.0F	--	0.1 0.00	0 0	-- --	0.00 0.01	0 0	0.00 0.22	0 0	0.00 0.00	D D
04N/23W-15A02 S														
10/03/72	5121 5867				--	--	--	--	1.0	T	0.0	T	--	--
04N/23W-16C01 S														
06/14/73 0800	5050 5050			64.0F	--	0.1 0.00	0 0	-- --	0.00 0.02	0 0	0.00 0.00	0 0	0.00 0.10	D D
04N/23W-16C06 S														
06/14/73 5050	5050 5050			64.0F	0.00	T	--	--	--	--	--	--	--	--
04N/23W-20J02 S														
10/03/72	5121 5867				--	--	--	--	0.2	T	0.0	T	--	--
04N/23W-29F02 S														
06/14/73 0715	5050 5050			63.0F	--	0.1 0.00	0 0	-- --	0.00 0.02	0 0	0.00 0.00	0 0	0.00 0.50	D D
04N/23W-32J06 S														
06/14/73 0645	5050 5050			65.0F	--	0.1 0.00	0 0	-- --	0.01 0.30	0 0	0.00 0.00	0 0	0.00 0.09	D D
04N/23W-33M03 S														
10/03/72	5121 5867				--	--	--	--	0.0	T	0.0	T	--	--
U-02.C U-02.C1 04N/22W-10K02 S														
OJAI HYDRO SUBUNIT UPPER OJAI HYDRO SUBAREA														
10/03/72	5121 5867				--	--	--	--	0.0	T	0.07	T	--	--
06/14/73 1015	5050 5050			66.0F	--	0.0 0.00	0 0	-- --	0.01 0.02	0 0	0.00 9.59	0 0	0.00 0.11	D D
04N/22W-11P02 S														
10/03/72	5121 5867				--	--	--	--	5.6	T	0.20	T	--	--
04N/22W-12F01 S														
10/03/72	5121 5867				--	--	--	--	0.0	T	0.0	T	--	--
04N/22W-16K07 S														
06/14/73 0830	5050 5050			69.0F	0.00	T	--	--	--	--	--	--	--	--
04N/22W-17G01 S														
10/03/72	5121 5867				--	--	--	--	2.5	T	0.22	T	--	--
U-02.C2 04N/22W-05L08 S														
OJAI HYDRO SUBAREA														
06/14/73 0900	5050 5050			66.0F	--	0.0 0.00	0 0	-- --	0.00 0.04	0 0	0.00 0.00	0 0	0.00 0.00	D D
04N/22W-06M03 S														
06/14/73 0930	5050 5050			64.0F	--	0.1 0.00	0 0	-- --	0.02 0.97	0 0	0.00 0.00	0 0	0.00 1.9	D D
05N/23W-33G01 S														
10/03/72	5121 5867				--	--	--	--	0.0	T	0.0	T	--	--
U-03 U-03.A U-03.A1 01N/21W-04N02 S														
SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARD PLAIN HYDRO SUBUNIT OXNARD HYDRO SUBAREA														
10/02/72	5121 5867				--	--	--	--	0.0	T	0.0	T	--	--
01N/21W-07H01 S														
10/07/72	5121 5867				--	--	--	--	0.1	T	0.33	T	--	--
01N/21W-09D02 S														
06/13/73 1330	5050 5050			69.0F	--	0.1 0.00	0 0	-- --	0.00 0.23	0 0	0.00 0.25	0 0	0.00 0.03	D D

TABLE E-2 (CONT.)  
MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS PER LITER CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
U U-03 U-03.A U-03.A1 01N/21W-19J03 S LOS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRO UNIT OXNARO PLAIN HYDRO SUBUNIT OXNARO HYDRO SUBAREA CONTINUED												
06/13/73	5050 1300 5050			69.0F	--	0.0 0 0.00 0	--	0.00 D 1.4 0	0.00 D 0.78 0	-- 0.00 D	0.00 D 0.00 D	
01N/21W-20C05 S												
10/05/72	5121 5867				--	--	--	0.4 T	0.18 T	--	--	
01N/21W-29K02 S												
10/03/72	5121 5867				--	--	--	0.4 T	0.8 T	--	--	
01N/21W-31J01 S												
04/26/73	5121 5999				--	--	--	0.028 T 0.123 T	-- 0.011 T	--	--	
01N/21W-31L01 S												
04/26/73	5121 5999				--	--	--	0.070 T 0.350 T	-- 0.035 T	--	--	
01N/21W-32A01 S												
04/26/73	5121 5999				--	--	--	0.080 T 0.108 T	-- 0.005 T	--	--	
01N/21W-32C01 S												
04/26/73	5121 5999				--	--	--	0.041 T 0.247 T	-- 0.018 T	--	--	
01N/21W-32K01 S												
04/26/73	5121 5999				--	--	--	0.120 T 0.317 T	-- 0.005 T	--	--	
01N/22W-07J04 S												
06/13/73	5050 1130 5050			69.0F	--	0.1 0 0.00 0	--	0.00 D 0.70 D	0.00 D 0.34 D	-- 0.00 D	0.00 D 0.37 D	
01N/22W-16004 S												
04/18/73	5121				--	--	--	1.0	0.11	--	--	
01N/22W-18P01 S												
11/13/72	5121				--	--	--	0.9	0.18	--	--	
01N/22W-19A01 S												
11/13/72	5121				--	--	--	0.75	0.15	--	--	
01N/22W-21F03 S												
04/18/73	5121				--	--	--	0.6	0.27	--	--	
06/13/73	5050 1200 5050			66.0F	--	0.1 D 0.00 D	--	0.00 D 1.3 D	0.00 D 0.08 D	-- 0.00 D	0.00 D 0.02 D	
02N/22W-12E01 S												
06/13/73	5050 0930 5050			61.0F	--	0.1 0 0.00 0	--	0.00 D 0.08 D	0.00 D 0.01 D	-- 0.00 D	0.00 D 0.00 D	
02N/22W-14L05 S												
06/13/73	5050 1000 5050			62.5F	--	0.0 D 0.00 D	--	0.00 D 0.01 D	0.00 D 0.00 D	-- 0.00 D	0.00 D 0.00 D	
02N/22W-15001 S												
06/13/73	5050 1045 5050			64.0F	--	0.2 0 0.00 0	--	0.00 D 0.04 D	0.00 D 0.00 D	-- 0.00 D	0.00 D 0.01 D	
02N/22W-26L03 S												
10/06/72	5121 5867				--	--	--	0.0 T	0.0 T	--	--	
02N/22W-26M01 S												
10/07/72	5121 5867				--	--	--	0.0 T	0.0 T	--	--	
02N/22W-28L01 S												
10/09/72	5121 5867				--	--	--	0.0 T	0.0 T	--	--	
02N/22W-29G01 S												
10/06/72	5121 5867				--	--	--	0.0 T	0.0 T	--	--	





TABLE E-2 (CONT.)  
MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB DEPTH	OISCH EC	TEMP PH	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (MEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM	
U U-03 U-03.D U-03.04 08N/21W-23001 S				LDS ANGELES DRAINAGE PROVINCE SANTA CLARA-CALLEGUAS HYDRD UNIT PIRU HYDRD SUBUNIT STAUFFER HYDRD SUBAREA								CONTINUED
06/06/73	S121 1220 5867			0.03	--	--	0.0 T	0.0 T	--	--	--	
08N/21W-26B01 S												
06/28/73	S121 1300 5867			0.04	--	--	0.2 T	0.0 T	--	--	--	
08N/21W-26H02 S												
06/06/73	S121 1340 5867		67.0F	0.02	--	--	0.1 T	0.0 T	--	--	--	
08N/21W-33K01 S												
06/28/73	S121 1215 5867			--	--	--	0.0 T	0.0 T	--	--	--	
U-03.E U-03.F1 04N/16W-21D01 S				UPPER SANTA CLARA R HYDRD SUBUNIT EASTERN HYDRD SUBAREA								
06/06/73	S050 0715 S050		63.0F	0.00 T	--	--	--	--	--	--	--	
06/06/73	S050 0715 S050		63.0F	--	0.0 0 0.00 D	--	0.00 D 0.01 0	0.00 D 0.00 0	-- 0.00 0	0.00 D 0.00 D		
04N/16W-34A03 S												
06/06/73	S050 0800 S050		74.0F	--	0.0 D 0.00 D	--	0.00 D 0.28 D	0.00 D 0.30 D	-- 0.00 0	0.00 D 0.00 D		
06/06/73	S050 0800 S050		74.0F	0.00 T	--	--	--	--	--	--	--	
U-03.F U-03.F1 02N/21W-12H01 S				CALLEGUAS-CONEJO HYDRD SUBUNIT WEST LAS ROSAS HYDRD SUBAREA								
10/03/72	S121 5867			--	--	--	0.0 T	0.05 T	--	--	--	
02N/21W-22E01 S												
10/05/72	S121 5867			--	--	--	0.0 T	0.0 T	--	--	--	
U-03.F2 02N/20W-08H01 S				EAST LAS ROSAS HYDRD SUBAREA								
06/12/73	S050 1300 S050		74.0F	--	0.1 D 0.00 D	--	0.01 D 0.02 D	0.00 D 0.00 D	-- 0.00 0	0.00 D 0.00 D		
02N/20W-09001 S												
06/12/73	S050 1230 S050		75.0F	0.00 T	--	--	--	--	--	--	--	
02N/20W-10D02 S												
06/12/73	S050 1200 S050		75.0F	--	0.1 D 0.00 D	--	0.00 D 0.01 D	0.00 D 0.00 D	-- 0.00 0	0.00 D 0.02 D		
03N/19W-19N03 S												
06/12/73	S050 0930 S050		68.0F	--	0.1 D 0.00 D	--	0.00 D 0.10 D	0.00 D 0.14 D	-- 0.00 D	0.00 D 0.02 D		
03N/19W-29F07 S												
06/12/73	S050 0900 S050		70.0F	--	0.1 D 0.00 D	--	0.00 D 0.01 D	0.00 D 0.00 D	-- 0.00 D	0.00 0 0.00 D		
03N/19W-31E01 S												
06/12/73	S050 1100 S050		78.0F	--	0.1 D 0.00 D	--	0.00 D 0.16 D	0.00 D 0.01 D	-- 0.00 D	0.00 D 0.00 D		
03N/20W-24R01 S												
06/12/73	S050 1000 S050		73.0F	--	0.1 D 0.00 D	--	0.01 D 0.49 D	0.00 D 0.02 D	-- 0.00 D	0.00 D 0.00 D		
03N/20W-28J02 S												
06/05/73	S121 5050			--	--	--	0.02 T	--	--	--	--	
U-03.F3 02N/19W-19J04 S				ARROYO SANTA ROSA HYDRD SUBAREA								
10/01/72	S121 5867			--	--	--	0.0 T	0.0 T	--	--	--	
02N/19W-19P01 S												
10/02/72	S121 5867			--	--	--	0.0 T	0.0 T	--	--	--	

TABLE E-2 (CONT.)  
MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	015CH EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER			LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	RFM	
						BARIUM	CAIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON				
	U					LOS ANGELES DRAINAGE PROVINCE							
	U-03					SANTA CLARA-CALLEGUAS HYDRO UNIT							
	U-03.F					CALLEGUAS-CONEJO HYDRO SUBUNIT							
	U-03.F3					ARROYO SANTA ROSA HYDRO SUBAREA							
	02N/20W-22K01			S									
10/03/72	5121 SR67				--	--	--	--	0.0 T	0.0 T	--	--	
	02N/20W-23H01			S									
10/04/72	5121 SR67				--	--	--	--	0.5 T	0.0 T	--	--	
	02N/20W-23L03			S									
10/02/72	5121 SR67				--	--	--	--	0.0	0.0 T	--	--	
	02N/20W-23R01			S									
10/04/72	5121 SR67				--	--	--	--	0.0 T	0.0 T	--	--	
	02N/20W-25C01			S									
06/12/73	5050 1400	5050		66.0F	--	0.0 0.00	0 0	--	0.01 0.02	0 0	0.00 0.00	0 0	0.00 0.00
	02N/20W-25005			S									
06/12/73	5050 1445	5050		69.0F	--	0.0 0.00	0 0	--	0.01 0.01	0 0	0.00 0.00	0 0	0.00 0.72
	U-03.F4					CONEJO VALLEY HYDRO SUBAREA							
	01N/20W-03J01			S									
10/01/72	5121 SR67				--	--	--	--	0.0 T	0.0 T	--	--	
	U-03.F7					SIMI VALLEY HYDRO SUBAREA							
	02N/17W-08J06			S									
06/12/73	5050 0700	5050		70.0F	--	0.1 0.00	0 0	--	0.00 0.83	0 0	0.00 0.13	0 0	0.00 0.1A
	U-03.FR					THOUSAND OAKS HYDRO SUBAREA							
	02N/18W-31K01			S									
10/06/72	5121 1300	SR67			--	--	--	--	0.0 T	0.0 T	--	--	
	U-04					MALIBU HYDRO UNIT							
	U-04.R					MALIBU CREEK HYDRO SUBUNIT							
	U-04.R6					SHERWOOD HYDRO SUBAREA							
	01N/20W-25E02			S									
10/10/72	5121 1400	SR67			--	--	--	--	0.2 T	0.0 T	--	--	
	U-05					LA-SAN GABRIEL RIVER HYDRO UNIT							
	U-05.A					COASTAL PL OF LA CO HYDRO SUBUNIT							
	U-05.A2					WEST COAST HYDRO SUBAREA							
	02S/13W-32R13			S									
06/07/73	5050 1345	5050		71.0F	--	0.0 0.00	0 0	--	0.00 0.06	0 0	0.00 0.03	0 0	0.00 0.00
	03S/13W-19K02			S									
06/07/73	5050 1300	5050		80.0F	0.00 T	--	--	--	--	--	--	--	
	03S/13W-29006			S									
06/07/73	5050 1230	5050			0.00 T	--	--	--	--	--	--	--	
	04S/13W-19J06			S									
06/07/73	5050 1200	5050		75.0F	0.00 T	--	--	--	--	--	--	--	
	04S/14W-10D02			S									
06/07/73	5050 1100	5050		70.0F	0.00 T	--	--	--	--	--	--	--	
	U-05.A3					SANTA MONICA HYDRO SUBAREA							
	01S/14W-32M06			S									
06/07/73	5050 0915	5050		72.0F	--	0.0 0.00	0 0	--	0.01 0.22	0 0	0.00 0.02	0 0	0.00 0.00
	01S/15W-33D04			S									
06/07/73	5050 0755	5050		67.0F	0.00 T	--	--	--	--	--	--	--	
	02S/15W-12803			S									
06/07/73	5050 1045	5050		66.0F	0.00 T	--	--	--	--	--	--	--	
	U-05.A5					CENTRAL HYDRO SUBAREA							
	01S/14W-32M06			S									
06/07/73	5050 0915	5050		72.0F	0.00 T	--	--	--	--	--	--	--	

CONTINUED

TABLE E-2 (CONT.)

MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP FH	CONSTITUENTS IN MILLIGRAMS PER LITER				LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
					ARSENIC	BARIUM CAESIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON				
U LOS ANGELES DRAINAGE PROVINCE U-05 LA-SAN GABRIEL RIVER HYDRO UNIT U-05.A COASTAL PL OF LA CO HYDRO SUBUNIT U-05.A5 CENTRAL HYDRO SUBAREA 02S/13W-05B01 S CONTINUED												
06/07/73 1430	5050 5050			70.0F	0.00	T	--	--	--	--	--	
02S/13W-13E05 S												
06/06/73 1430	5050 5050			66.0F	0.00	T	--	--	--	--	--	
02S/13W-32R13 S												
06/07/73 1345	5050 5050			71.0F	0.00	D	--	--	--	--	--	
03S/12W-05D03 S												
06/06/73 1330	5050 5050			78.0F	0.00	T	--	--	--	--	--	
03S/12W-17L03 S												
06/06/73 1300	5050 5050			66.0F	0.00	T	--	--	--	--	--	
03S/12W-26L02 S												
06/05/73 0730	5050 5050			63.0F	0.00	T	--	--	--	--	--	
03S/13W-25K02 S												
06/06/73 1230	5050 5050			67.0F	0.00	T	--	--	--	--	--	
04S/12W-06J01 S												
04/03/73 4206	4206				--	--	--	0.01 0.00	0 0	--	--	0.01
09/04/73 4206	4206		26.0C		--	--	--	0.01 0.01	0 0	--	--	0.00
04S/12W-06J02 S												
06/04/73 4206	4206				--	--	--	0.00 0.00	0 0	--	--	0.00
04S/12W-06K01 S												
03/21/73 4206	4206				--	--	--	0.00 0.02	0 0	--	--	0.00
04S/12W-06K02 S												
01/30/73 4206	4206				--	--	--	0.00 0.00	0 0	--	--	0.06
08/01/73 4206	4206				--	--	--	0.00 0.00	0 0	--	--	0.00
04S/12W-06K04 S												
03/21/73 4206	4206				--	--	--	0.01 0.00	0 0	--	--	0.00
04S/12W-13C03 S												
04/03/73 4206	4206				--	--	--	0.00 0.00	0 0	--	--	0.02
07/03/73 4206	4206				--	--	--	0.00 0.00	0 0	--	--	0.00
04S/12W-13D03 S												
03/06/73 4206	4206				--	--	--	0.04 0.00	0 0	--	--	0.01
06/05/73 4206	4206				--	--	--	0.01 0.00	0 0	--	--	0.00
07/03/73 4206	4206				--	--	--	0.00 0.00	0 0	--	--	0.00
04S/12W-13N02 S												
01/31/73 4206	4206				--	--	--	-- 0.00	0 0	--	--	0.03
08/01/73 4206	4206				--	--	--	0.00 0.00	0 0	--	--	0.00
04S/12W-14A02 S												
01/30/73 4206	4206				--	--	--	-- 0.00	0 0	--	--	0.01
09/04/73 4206	4206		22.0C		--	--	--	0.03 0.00	0 0	--	--	0.01



TABLE E-2 (CONT.)

MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH FC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER				LEAD MANGANESE	MERCURY SELENIUM	SILICON ZINC	OTHER
					ARSENIC	BARIUM CAIUM	CHLOR (ALL) CHLOR (HE X)	COPPER IRON				
U U-05 U-05.A U-05.AS 04S/12W-14C02 S LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA CONTINUED												
06/05/73	4206 4206				--	--	--	0.00 0.00	D D	-- --	-- 0.00	
07/31/73	4206 4206				--	--	--	0.00 0.00	D D	-- --	-- 0.00	
04S/12W-14C05 S												
01/30/73	4206 4206				--	--	--	--	D D	-- --	-- 0.03	
09/04/73	4206 4206			23.00	--	--	--	0.00 0.00	D D	-- --	-- 0.00	
04S/12W-14K01 S												
03/26/73	4206 4206				--	--	--	0.00 0.03	D D	-- --	-- 0.00	
04S/12W-14P01 S												
03/22/73	4206 4206				--	--	--	0.03 0.00	D D	-- --	-- 0.01	
04S/12W-16J01 S												
05/01/73	4206 4206				--	--	--	--	D D	-- --	-- 0.01	
08/01/73	4206 4206				--	--	--	0.04 0.00	D D	-- --	-- 0.02	
04S/12W-16P01 S												
01/31/73	4206 4206				--	--	--	--	D D	-- --	-- 0.00	
08/01/73	4206 4206				--	--	--	0.00 0.00	D D	-- --	-- 0.00	
04S/12W-17F01 S												
06/05/73	4206 4206				--	--	--	0.00 0.02	D D	-- --	-- 0.02	
07/03/73	4206 4206				--	--	--	0.00 0.00	D D	-- --	-- 0.00	
04S/12W-17H02 S												
03/19/73	4206 4206				--	--	--	0.04 0.03	D D	-- --	-- 0.00	
04S/12W-17P03 S												
05/01/73	4206 4206				--	--	--	--	D D	-- --	-- 0.00	
07/03/73	4206 4206				--	--	--	0.00 0.00	D D	-- --	-- 0.00	
04S/12W-17Q01 S												
06/05/73	4206 4206				--	--	--	0.00 0.01	D D	-- --	-- 0.00	
07/31/73	4206 4206				--	--	--	0.00 0.00	D D	-- --	-- 0.00	
04S/12W-20G01 S												
03/22/73	4206 4206				--	--	--	0.04 0.02	D D	-- --	-- 0.00	
04S/12W-20J04 S												
03/19/73	4206 4206				--	--	--	0.10 0.09	D D	-- --	-- 0.00	
04S/12W-21H05 S												
03/15/73	4206 4206				--	--	--	0.01 0.00	D D	-- --	-- 0.01	
04S/12W-23C01 S												
01/30/73	4206 4206				--	--	--	--	D D	-- --	-- 0.15	
04/04/73	4206 4206			26.50	--	--	--	0.00 0.00	D D	-- --	-- 0.01	
04S/12W-23K03 S												
01/31/73	4206 4206				--	--	--	--	D D	-- --	-- 0.01	
01/31/73	4206 4206				--	--	--	0.00 0.00	D D	-- --	-- 0.00	

TABLE E-2 (CONT.)

MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER									
					ARSENIC	BARIUM	CADMIUM	CHROM (ALL)	CHROM (HEX)	COPPER	IRON	LEAD	MANGANESE	MERCURY
	U				LOS ANGELES DRAINAGE PROVINCE									
	U-09				LA-SAN GABRIEL RIVER HYDRO UNIT									
	U-05.A				COASTAL PL OF LA CO HYDRO SUBUNIT									
	U-05.AS				CENTRAL HYDRO SUBAREA									
	045/12W-24M0R		S		CONTINUED									
01/31/73	4206				--	--	--	--	0.00	D	--	--	--	0.05
	4206				--	--	--	--	0.00	D	--	--	--	0.00
09/05/73	4206				--	--	--	--	0.00	D	--	--	--	0.00
	4206				--	--	--	--	0.00	D	--	--	--	0.00
	045/12W-28H01		S											
03/15/73	4206				--	--	--	--	0.04	D	--	--	--	0.12
	4206				--	--	--	--	0.02	D	--	--	--	0.12
	045/12W-28H06		S											
03/14/73	4206				--	--	--	--	0.06	D	--	--	--	0.00
	4206				--	--	--	--	0.02	D	--	--	--	0.00
	045/12W-28H12		S											
03/12/73	4206				--	--	--	--	0.19	D	--	--	--	0.00
	4206				--	--	--	--	0.02	D	--	--	--	0.00
	U-05.B				SAN FERNANDO HYDRO SUBUNIT									
	U-05.B1				SAN FERNANDO HYDRO SUBAREA									
	01N/11W-21H03		S											
06/05/73	5050			42.0F	--	0.1	D	--	0.00	D	0.00	D	--	0.00
	1430	5050			--	0.00	D	--	0.01	D	0.00	D	0.00	D
	01N/13W-33N02		S											
11/30/72	1200				--	--	--	--	0.90	T	--	--	--	--
	01N/13W-33N03		S											
11/30/72	1200				--	--	--	--	0.0000	T	--	--	--	--
	01N/14W-06K02		S											
10/05/72	1200			20.5C 7.8	--	--	--	--	0.0000	T	--	--	--	--
	01N/14W-06N01		S											
10/05/72	1200			16.5C 7.6	--	--	--	--	0.0000	T	--	--	--	--
	01N/14W-06P02		S											
06/06/73	5050			59.0F	0.00	T	--	--	--	--	--	--	--	--
	0920	5050												
	01N/14W-09H04		S											
06/06/73	5050			65.0F	0.00	T	--	--	--	--	--	--	--	--
	1030	5050												
	01N/14W-16001		S											
10/05/72	1200			21 C 7.6	--	--	--	--	0.0000	T	--	--	--	--
	01N/14W-24E06		S											
10/20/72	1200			21 C 7.4	--	--	--	--	0.03	T	--	--	--	--
	01N/15W-01002		S											
10/05/72	1200			21 C	--	--	--	--	0.0000	T	--	--	--	--
	01N/15W-02001		S											
10/05/72	1200			25 C 7.6	--	--	--	--	0.0000	T	--	--	--	--
	01N/16W-03003		S											
10/26/72	1200			21.5C 7.5	--	--	--	--	0.0000	T	--	--	--	--
	02N/16W-27F02		S											
10/26/72	1200			22 C 7.6	--	--	--	--	0.0000	T	--	--	--	--
	02N/16W-27P02		S											
10/26/72	1200			21.5C 7.6	--	--	--	--	0.06	T	--	--	--	--
	02N/16W-24K02		S											
10/26/72	1200			21 C 7.6	--	--	--	--	0.0000	T	--	--	--	--
	01S/14W-04K01		S											
10/26/72	1200			21.5C 7.4	--	--	--	--	0.40	T	--	--	--	--

TABLE E-2 (CONT.)  
MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER					LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM
					ARSENIC	BARIUM CADMIUM	CHROM CHROM (ALL) CHROM (HEX)	COPPER IRON					
	U				LOS ANGELES DRAINAGE PROVINCE								
	U-05				LA-SAN GABRIEL RIVER HYDRO UNIT								
	U-05.B				SAN FERNANDO HYDRO SUBUNIT								
	U-05.B1				SAN FERNANDO HYDRO SUBAREA								
	015/13W-04L03			S	CONTINUED								
10/26/72	1200			21 C 7.6	--	--	--	--	0.06	T	--	--	--
	U-05.B2				SYLMAR HYDRO SUBAREA								
	02N/15W-04R09			S									
11/09/72	1200			20.5C 7.8	--	--	--	--	0.01	T	--	--	--
	03N/15W-33001			S									
06/06/73	5050 1000 5050			68.0F	0.00	0	--	--	--	--	--	--	--
	U-05.B3				TUJUNGA HYDRO SUBAREA								
	02N/14W-13E04			S									
10/30/72	1200			20.5C 7.1	--	--	--	--	0.10	T	--	--	--
	U-05.C				RAYMOND HYDRO SUBUNIT								
	U-05.C3				SANTA ANITA HYDRO SUBAREA								
	01N/11W-21M03			S									
06/05/73	5050 1430 5050			82.0F	0.00	T	--	--	--	--	--	--	--
	U-05.D				SAN GABRIEL VALLEY HYDRO SUBUNIT								
	U-05.D1				MAIN SAN GABRIEL HYDRO SUBAREA								
	015/10W-07A07			S									
06/05/73	5050 1100 5050			57.0F	0.00	T	--	--	--	--	--	--	--
	015/10W-28K05			S									
06/05/73	5050 1000 5050			76.0F	0.00	T	--	--	--	--	--	--	--
	015/11W-02J03			S									
06/05/73	5050 1230 5050			70.0F	0.00	T	--	--	--	--	--	--	--
	015/11W-11P07			S									
06/05/73	5050 1315 5050			64.0F	0.00	T	--	--	--	--	--	--	--
	015/11W-12C01			S									
06/05/73	5050 1200 5050			62.0F	0.00	T	--	--	--	--	--	--	--
	015/11W-19F02			S									
06/05/73	5050 1400 5050				0.00	T	--	--	--	--	--	--	--
	015/11W-24007			S									
06/05/73	5050 0900 5050			66.0F	0.00	T	--	--	--	--	--	--	--
	015/11W-33N07			S									
06/05/73	5050 0830 5050			64.0F	0.00	T	--	--	--	--	--	--	--
	015/12W-10E01			S									
06/06/73	5050 1515 5050			72.0F	0.00	T	--	--	--	--	--	--	--



TABLE E-2 (CONT.)

MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DISCH DEPTH	TEMP EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER									
					ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	REM		
Y Y-01 Y-01.8 Y-01.81 025/06W-01001 S					SANTA ANA DRAINAGE PROVINCE SANTA ANA RIVER HYDRO UNIT MIDDLE SANTA ANA RIV HYDR SUBUNIT CHINO HYDRO SUBAREA									
10/02/72	5088 4790				--	--	0.05 0.04	n n	-- 0.34	0 0	-- 0.00	0 0	-- --	-- --
12/04/72	5088 4790				--	--	0.0 0.0	n n	-- 0.0	0 0	-- 0.0	0 0	-- --	-- --
025/06W-12K01 S														
12/04/72	5088 4790				--	--	0.00 0.00	n n	-- 0.00	0 0	-- 0.00	n n	-- --	-- --

TABLE E-2 (CONT.)

MINOR ELEMENT ANALYSIS OF GROUND WATER

DATE TIME	SAMP LAB	DEPTH	DISCH EC	TEMP PH	CONSTITUENTS IN MILLIGRAMS PER LITER												
					ARSENIC	BARIUM CAOMIUM	CHROM (ALL) CHROM (HEX)	COPPER IRON	LEAD MANGANFSE	MERCURY SELENIUM	SILVER ZINC	REM					
	Z																
	Z-07																
	Z-07.A																
	Z-07.A2																
	ISS/01W-30M01	S															
08/23/73	S089					--	--	--	--	0.17	D	0.	D	--	--	--	--
	S877					--	--	--	--					--	--	--	--

TABLE E-3

## MISCELLANEOUS CONSTITUENTS IN GROUND WATER

## Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
TEMP	- Water temperature at time of sampling in degrees of Fahrenheit (F) or Celsius (C)
EC	- Electrical conductance in micromhos at 25° Celsius
pH	- Measure of acidity or alkalinity of water: F - Field; L - Lab
DO	- Dissolved oxygen content in milligrams per liter
G.H.	- Instantaneous gage height in feet above an established datum
DISCHARGE	- Instantaneous discharge in cubic feet per second
MBAS	- Methylene blue active substance (a test for detergent surfactants) in milligrams per liter: L - Linear alkylate sulfonate; A - Alkyl benzene sulfonate
T+L	- Tannin and lignin as tannic acid in milligrams per liter
CHLOR	- Field determination of residual chlorine in milligrams per liter
O+G	- Oil and grease in milligrams per liter
COLOR	- True color in color units
SET S	- Settleable solids in milliliters per liter (ML/L) and milligrams per liter (MG/L): F - Field; L - Lab
BOD	- Biochemical oxygen demand in milligrams per liter: A- 4 days; B - 5 days; C - 6 days; D - 7 days; E - 100 days; F - other
SUS S	- Suspended solids in milligrams per liter: 5 - at 105° C; 8 - at 108° C
COD	- Chemical oxygen demand in milligrams per liter
V SUS S	- Volatile suspended solids in milligrams per liter
TOC	- Total organic carbon in milligrams per liter
DOC	- Dissolved organic carbon in milligrams per liter
T ODOR	- Threshold odor number at 60° C
T SULF	- Total sulfides in milligrams per liter
D SULF	- Dissolved sulfides in milligrams per liter

## Other Constituents

CYANIDE	- Cyanide in milligrams per liter
PHENOLS	- Phenols in milligrams per liter
IODIDE	- Iodide in milligrams per liter
BROMIDE	- Bromide in milligrams per liter
SULFITE	- Sulfite in milligrams per liter

The LAB and SAMPLER codes are as follows:

1200 - Los Angeles Department of Water and Power



TABLE E-3 (CONT.)

## MISCELLANEOUS CONSTITUENTS IN GROUND WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.H.	F-PH L-PH	DISCH MBAS	SET S			BOD SUS S	COD V SUS S	CYANIOE PHNOLS	TOC DOC	IODIDE T ODOE	BROMIOE SULFITE	T SULF D SULF
						T+L CHLOR	O+G COLOR	ML/L MG/L							
U U-05 U-05.B U-05.B1 01N/13W-33N02 S															
11/30/72	1200														
	1200			7.3	0.05 L	--	15	--	--	--	--	--	0	--	--
01N/13W-33N03 S															
11/30/72	1200			7.6	0.05 L	--	1	--	--	--	--	--	0	--	--
01N/14W-06K02 S															
10/05/72	1200	20.5C	10.0	7.8		--	--	--	1.0 R	--	--	--	--	--	--
	1200			7.9	0.03 L	--	1	--	--	--	--	--	0	--	--
01N/14W-06N01 S															
10/05/72	1200	16.5C	11.8	7.6		--	--	--	1.4 P	--	--	--	--	--	--
	1200			7.7	0.03 L	--	1	--	--	--	--	--	0	--	--
01N/14W-16001 S															
10/05/72	1200	21 C	8.4	7.6		--	--	--	1.0 R	--	--	--	--	--	--
	1200			7.7	0.03 L	--	1	--	--	--	--	--	0	--	--
01N/14W-24F06 S															
10/20/72	1200	21 C	4.6	7.4		--	--	--	0.1 R	--	--	--	--	--	--
	1200			7.4	0.03 L	--	1	--	--	--	--	--	0	--	--
01N/15W-01002 S															
10/05/72	1200	21 C		7.6		--	--	--	1.0 R	--	--	--	--	--	--
	1200			7.6	0.03 L	--	1	--	--	--	--	--	0	--	--
01N/15W-02001 S															
10/05/72	1200	25 C	1.8	7.6		--	--	--	0.5 P	--	--	--	--	--	--
	1200			7.6	0.03 L	--	1	--	--	--	--	--	0	--	--
01N/16W-03003 S															
10/26/72	1200	21.5C	12.0	7.5		--	--	--	1.4 R	--	--	--	--	--	--
	1200			7.2	0.03 L	--	1	--	--	--	--	--	0	--	--
02N/16W-27F02 S															
10/26/72	1200	22 C	6.2	7.6		--	--	--	0.9 R	--	--	--	--	--	--
	1200			7.3	0.3 L	--	1	--	--	--	--	--	0	--	--
02N/16W-27P02 S															
10/26/72	1200	21.5C	4.2	7.6		--	--	--	0.9 R	--	--	--	--	--	--
	1200			7.3	0.03 L	--	1	--	--	--	--	--	0	--	--
02N/16W-24K02 S															
10/26/72	1200	21 C	1.2	7.6		--	--	--	0.4 P	--	--	--	--	--	--
	1200			7.3	0.03 L	--	1	--	--	--	--	--	0	--	--
01S/13W-04K01 S															
10/26/72	1200	21.5C	4.2	7.4		--	--	--	1.4 P	--	--	--	--	--	--
	1200			7.2	0.03 L	--	8	--	--	--	--	--	0	--	--
01S/13W-04L03 S															
10/26/72	1200	21 C	3.2	7.6		--	--	--	0.6 P	--	--	--	--	--	--
	1200			7.2	0.03 L	--	3	--	--	--	--	--	0	--	--
U-05.R2 02N/15W-04R09 S															
11/09/72	1200	20.5C	6.6	7.8		--	--	--	0.9 R	--	--	--	--	--	--
	1200			7.8	0.03 L	--	1	--	--	--	--	--	0	--	--
U-05.R3 02N/14W-13F04 S															
10/30/72	1200	20.5C	7.8	7.1		--	--	--	0.9 R	--	--	--	--	--	--
	1200			7.0	0.03 L	--	1	--	--	--	--	--	0	--	--

TABLE E-4  
NUTRIENT ANALYSIS OF GROUND WATER

Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
G.H.	- Instantaneous gage height in feet above an established datum
Q	- Instantaneous discharge in cubic feet per second
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) and Celsius (C)
TURB	- Jackson Turbidity Units measured with a Hellige Turbidimeter (E) or a Hach Nephelometer (A)
CO <sub>2</sub>	- Field determination of carbon dioxide in milligrams per liter
pH	- Measure of acidity or alkalinity of water
EC	- Electrical conductance in micromhos at 25° C
HCO <sub>3</sub>	- Bicarbonate in milligrams per liter
CO <sub>3</sub>	- Carbonate in milligrams per liter

Nitrogen Series as N

NO <sub>2</sub>	- Unfiltered nitrite
NH <sub>3</sub>	- Unfiltered ammonia
NO <sub>3</sub>	- Unfiltered nitrate
ORG N	- Organic nitrogen
DIS ORG N	- Dissolved organic nitrogen
NH <sub>3</sub> + ORG N	- Ammonia plus organic nitrogen
CaCO <sub>3</sub> P	- Carbonate alkalinity as calcium carbonate
CaCO <sub>3</sub> T	- Carbonate plus bicarbonate alkalinity as calcium carbonate

Phosphorus Series as P

DIS A.H.PO <sub>4</sub>	- Dissolved acid hydrolyzable phosphate
F H <sub>3</sub> PO <sub>4</sub>	- Filtered phosphoric acid
U H <sub>3</sub> PO <sub>4</sub>	- Unfiltered phosphoric acid

The LAB and SAMPLER codes are as follows:

1200	- Los Angeles Department of Water and Power
4206	- Long Beach Water Department
5089	- San Diego Regional Water Quality Control Board (No. 9)
5877	- Environmental Engineering Lab., Inc., Chula Vista

TABLE E-4 (CONT.)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	FIELD		NUTRIENT ANALYSIS OF GROUND WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER						
				LABORATORY PH	EC	TURB F-CO2	CAC03 CAC03 T	P T	HC03 CO3	NN3	N02 N03	F U	ORG ORG N	N U	F (NH3 + U ORG N)	DIS A.M.P04	F N3PO4 U N3PO4
				LOS ANGELES DRAINAGE PROVINCE													
				LA-SAN GABRIEL RIVER HYDRO UNIT													
				COASTAL PL OF LA CO HYDRO SUBUNIT													
				CENTRAL HYDRO SUBAREA													
				U-05													
				U-05.A													
				U-05.A5													
				04S/12W-06J01 S													
04/03/73	4206					1A<		167		--	--	--				0.016	--
	4206			8.7	383			5.0	--	--	--	--	--	--	--	--	--
09/04/73	4206		26.0C			1A<		172		--	--	--				0.007	--
	4206			8.6	398			4.4	--	0.045	--	--	--	--	--	--	--
				04S/12W-06J02 S													
10/05/72	4206					1A<		176		--	--	--				0.016	--
	4206			8.7	382			6.5	--	0.	--	--	--	--	--	--	--
06/04/73	4206					1A<		182		--	--	--				0.032	--
	4206			8.7	395			7.6	--	--	--	--	--	--	--	--	--
				04S/12W-06K01 S													
03/21/73	4206					1A<		230		--	--	--				0.00	--
	4206			8.5	423			4.3	--	--	--	--	--	--	--	--	--
				04S/12W-06K02 S													
10/03/72	4206					1A<		152		--	--	--				0.022	--
	4206			8.6	358			4.0	--	0.	--	--	--	--	--	--	--
01/30/73	4206					1A>		149		--	--	--				0.026	--
	4206			8.7	348			5.9	--	0.	--	--	--	--	--	--	--
08/01/73	4206					1A<		159		--	--	--				0.016	--
	4206			8.6	359			4.1	--	--	--	--	--	--	--	--	--
				04S/12W-06K04 S													
03/21/73	4206					1A<		150		--	--	--				0.0098	--
	4206			8.5	360			2.6	--	--	--	--	--	--	--	--	--
				04S/12W-13C03 S													
11/03/72	4206					1A<		197		--	--	--				0.062	--
	4206			8.0	366			0	--	0.	--	--	--	--	--	--	--
04/03/73	4206					1A<		201		--	--	--				0.071	--
	4206			8.2	408			0	--	--	--	--	--	--	--	--	--
07/03/73	4206					1A<		198		--	--	--				0.039	--
	4206			8.2	366			0	--	--	--	--	--	--	--	--	--
				04S/12W-13003 S													
10/06/72	4206					1A<		208		--	--	--				0.049	--
	4206			8.2	364			0	--	0.	--	--	--	--	--	--	--
03/06/73	4206					1A<		204		--	--	--				0.042	--
	4206			8.1	362			0	--	--	--	--	--	--	--	--	--
06/05/73	4206					1A<		217		--	--	--				0.055	--
	4206			8.1	372			0	--	--	--	--	--	--	--	--	--
07/03/73	4206					1A<		208		--	--	--				0.049	--
	4206			8.2	356			0	--	--	--	--	--	--	--	--	--
				04S/12W-13N02 S													
10/03/72	4206					1A<		164		--	--	--				0.026	--
	4206			8.6	384			3.8	--	0.	--	--	--	--	--	--	--
01/31/73	4206					1A<		162		--	--	--				0.045	--
	4206			8.6	385			4.7	--	0.	--	--	--	--	--	--	--
08/01/73	4206					1A<		164		--	--	--				0.022	--
	4206			8.6	377			4.1	--	--	--	--	--	--	--	--	--
				04S/12W-14A02 S													
10/03/72	4206					1A<		203		--	--	--				0.035	--
	4206			7.9	395			0	--	0.	--	--	--	--	--	--	--
01/30/73	4206					1A<		203		--	--	--				0.042	--
	4206			8.1	384			0.0	--	0.	--	--	--	--	--	--	--
09/04/73	4206		22.0C			1A<		203		--	--	--				--	--
	4206			8.0	388			0	--	0.00	--	--	--	--	--	--	--
				04S/12W-14C02 S													
06/05/73	4206					1A<		152		--	--	--				0.042	--
	4206			8.9	337			11.9	--	--	--	--	--	--	--	--	--
07/31/73	4206					1A<		163		--	--	--				0.0326	--
	4206			8.9	353			10.4	--	--	--	--	--	--	--	--	--
				04S/12W-14C05 S													
10/03/72	4206					1A<		174		--	--	--				0.032	--
	4206			8.1	349			0	--	0.	--	--	--	--	--	--	--
01/30/73	4206					1A<		174		--	--	--				0.032	--
	4206			8.1	335			0	--	0.	--	--	--	--	--	--	--
09/04/73	4206					1A<		173		--	--	--				0.026	--
	4206			8.2	343			0	--	0.0	--	--	--	--	--	--	--





TABLE E-4 (CONT.)

DATE TIME	SAMP LAB	G.M. DISCH.	TEMP DEPTH	FIELD		NUTRIENT ANALYSIS OF GROUND WATER					NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER				
				LABORATORY PH	EC	TURB F-CO2	FIELD CACO3	LAB P	NO2 NO3	NH3	F ORG N	F (NH3 + U ORG N)	DIS A.N.P04	F N3P04 U N3P04	F TOT P U TOT P
U-05 U-05.A U-05.A5 045/12W-24M08		S		LOS ANGELES DRAINAGE PROVINCE LA-SAN GABRIEL RIVER HYDRO UNIT COASTAL PL OF LA CO HYDRO SUBUNIT CENTRAL HYDRO SUBAREA					CONTINUED						
10/03/72	4206 4206			8.5	383	1A<	161 3.2	--	0.	--	--	--	0.032	--	
01/31/73	4206 4206			8.5	365	1A<	160 3.6	--	0.	--	--	--	0.026	--	
09/05/73	4206 4206			8.6	365	1A<	158 4.9	--	0.009	--	--	--	0.007	--	
045/12W-28M01		S													
03/15/73	4206 4206			8.9	362	1A<	181 11.5	--	--	--	--	--	0.078	--	
045/12W-28M06		S													
03/14/73	4206 4206			8.8	396	1A<	202 12.1	--	--	--	--	--	0.045	--	
045/12W-28M12		S													
03/12/73	4206 4206			8.9	360	1A<	178 11.8	--	--	--	--	--	0.065	--	
U-05.8 U-05.81 01N/13W-33N02		S		SAN FERNANDO HYDRO SUBUNIT SAN FERNANDO HYDRO SUBAREA											
11/30/72	1200 1200			7.3	1080	7A	354	0.63	0.003 2.10	0.80	1.43	--	--	--	
01N/13W-33N03		S													
11/30/72	1200 1200			7.6	668	1A	256	0.41	0.00 0.47	0.00	0.41	--	--	--	
01N/14W-06K02		S													
10/05/72	1200 1200	20.5C	7.8 7.9	454	168	1A<	205	0.00	0.000 1.56	0.08	0.08	--	--	--	
01N/14W-06N01		S													
10/05/72	1200 1200	16.5C	7.6 7.7	506	173	1A<	210	0.00	0.000 5.19	0.02	0.02	--	--	--	
01N/14W-16001		S													
10/05/72	1200 1200	21 C	7.6 7.7	754	180	1A<	218	0.00	0.000 2.48	0.04	0.04	--	--	--	
01N/14W-24E06		S													
10/20/72	1200 1200	21 C	7.4 7.4	1040	198	1A<	234	0.02	0.000 1.99	0.14	0.16	--	--	--	
01N/15W-01002		S													
10/05/72	1200 1200	21 C	7.6 7.6	940	210	1A<	259	0.00	0.000 4.98	0.02	0.02	--	--	--	
01N/15W-02001		S													
10/05/72	1200 1200	25 C	7.6 7.6	1440	188	1A<	222	0.00	0.000 4.06	0.02	0.02	--	--	--	
01N/16W-03003		S													
10/26/72	1200 1200	21.5C	7.5 7.2	1870	275	1A<	342	0.00	0.012 7.23	0.08	0.08	--	--	--	
02N/16W-27F02		S													
10/26/72	1200 1200	22 C	7.6 7.3	1160	273	1A<	336	0.00	0.003 4.06	0.08	0.08	--	--	--	
02N/16W-27P02		S													
10/26/72	1200 1200	21.5C	7.6 7.3	964	250	1A<	311	0.02	0.000 6.32	0.06	0.08	--	--	--	
02N/16W-34K02		S													
10/26/72	1200 1200	21 C	7.6 7.3	1000	255	1A<	317	0.00	0.018 5.19	0.03	0.03	--	--	--	
015/13W-04K01		S													
10/26/72	1200 1200	21.5C	7.4 7.2	1300	270	15A	336	0.00	0.000 5.42	0.12	0.12	--	--	--	
015/13W-04L03		S													
10/26/72	1200 1200	21 C	7.6 7.2	1060	210	3A	256	0.00	0.002 1.35	0.12	0.12	--	--	--	
U-05.82 02N/15W-04809		S		SYLMAR HYDRO SUBAREA											
11/09/72	1200 1200	20.5C	7.8 7.8	805	183	1A<	250	0.00	0.003 2.94	0.04	0.04	--	--	--	

TABLE E-4 (CONT.)

DATE TIME	SAMP LAB	G.H. DISCH.	TEMP DEPTH	LABORATORY PH	TURB EC	FIELD				NH3	NUTRIENT ANALYSIS OF GROUND WATER							F TOT P
						CAC03 F-CO2	P CAC03	T CAC03	LAB		NUTRIENT CONSTITUENTS IN MILLIGRAMS PER LITER							
											N02	F ORG N	F (NH3 + U ORG N)	DIS A.H.P04	E H3P04 U H3P04	F TOT P		
											0.000	--	--	--	--	--		
10/30/72	1200		20.5C	7.1		JA<		182		0.000	--	--	--	--	--			
	1200			7.0	455			150	0.00	9.26	0.04	0.04	--	--	--			

U  
U-05  
U-05.B  
U-05.H3  
02N/14W-13E04 S

LOS ANGELES DRAINAGE PROVINCE  
LA-SAN GABRIEL RIVER HYDRO UNIT  
SAN FERNANDO HYDRO SUBUNIT  
TUJUNGA HYDRO SUBAREA

CONTINUED

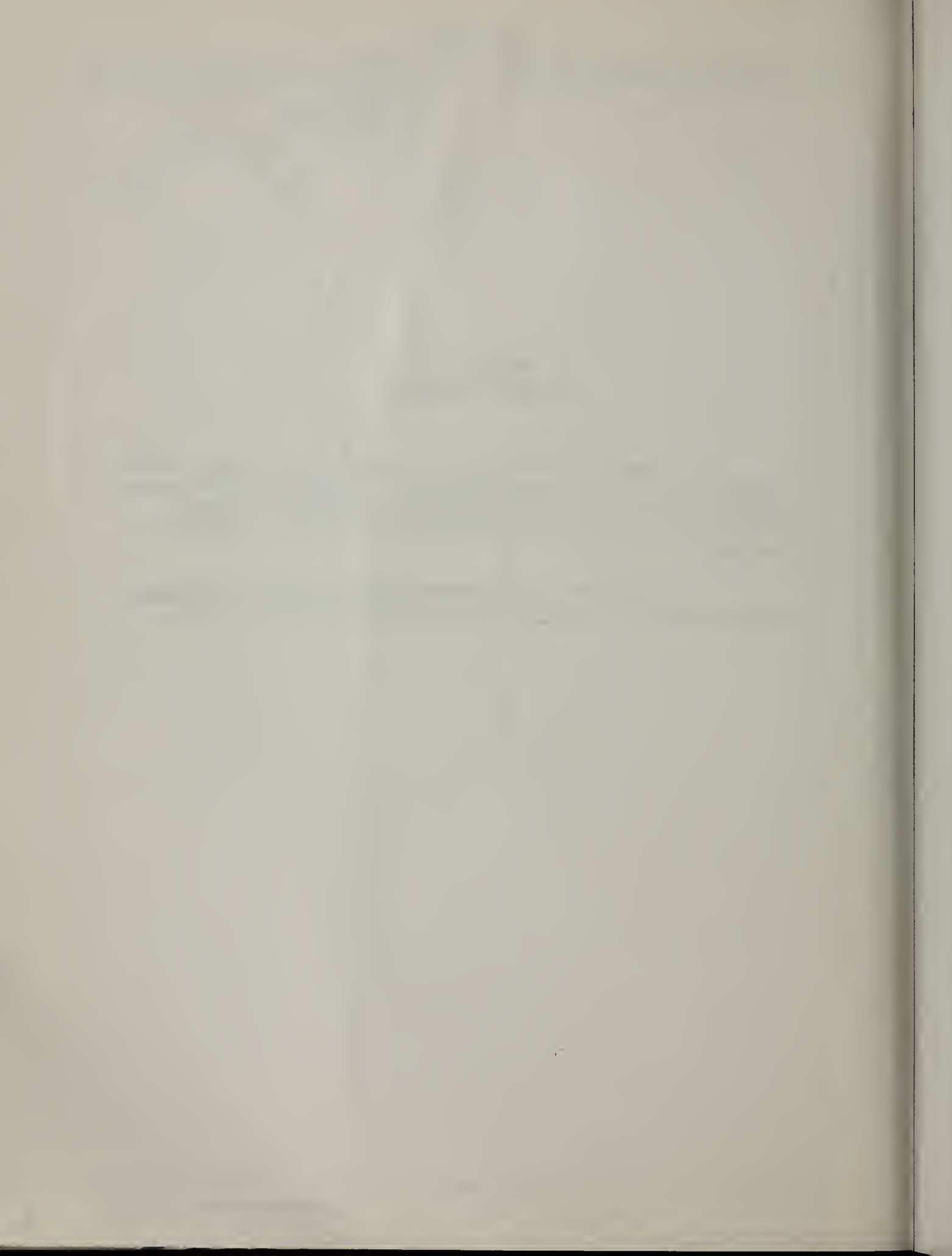




Appendix F  
WASTE WATER DATA

Appendix F "Waste Water Data", which appeared in certain volumes of Bulletin No. 130 series, has been discontinued. For information regarding waste water the reader is referred to the recently reactivated Bulletin No 68 series: "Inventory of Waste Water Production and Waste Water Reclamation Practices in California".

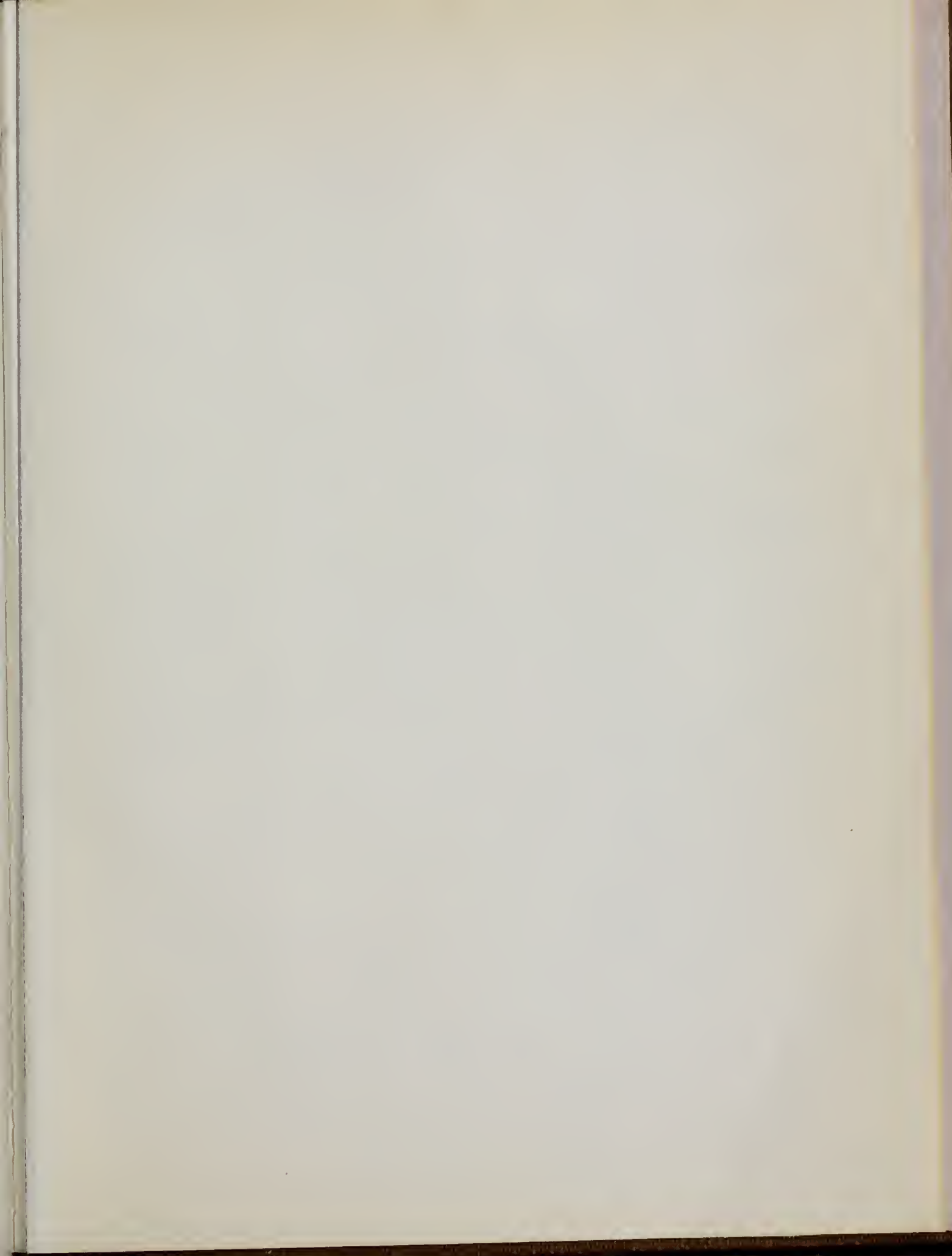
Please note the data presented in Bulletin No. 68 are on a calendar year basis rather than a water year basis as is the case in Bulletin No. 130.



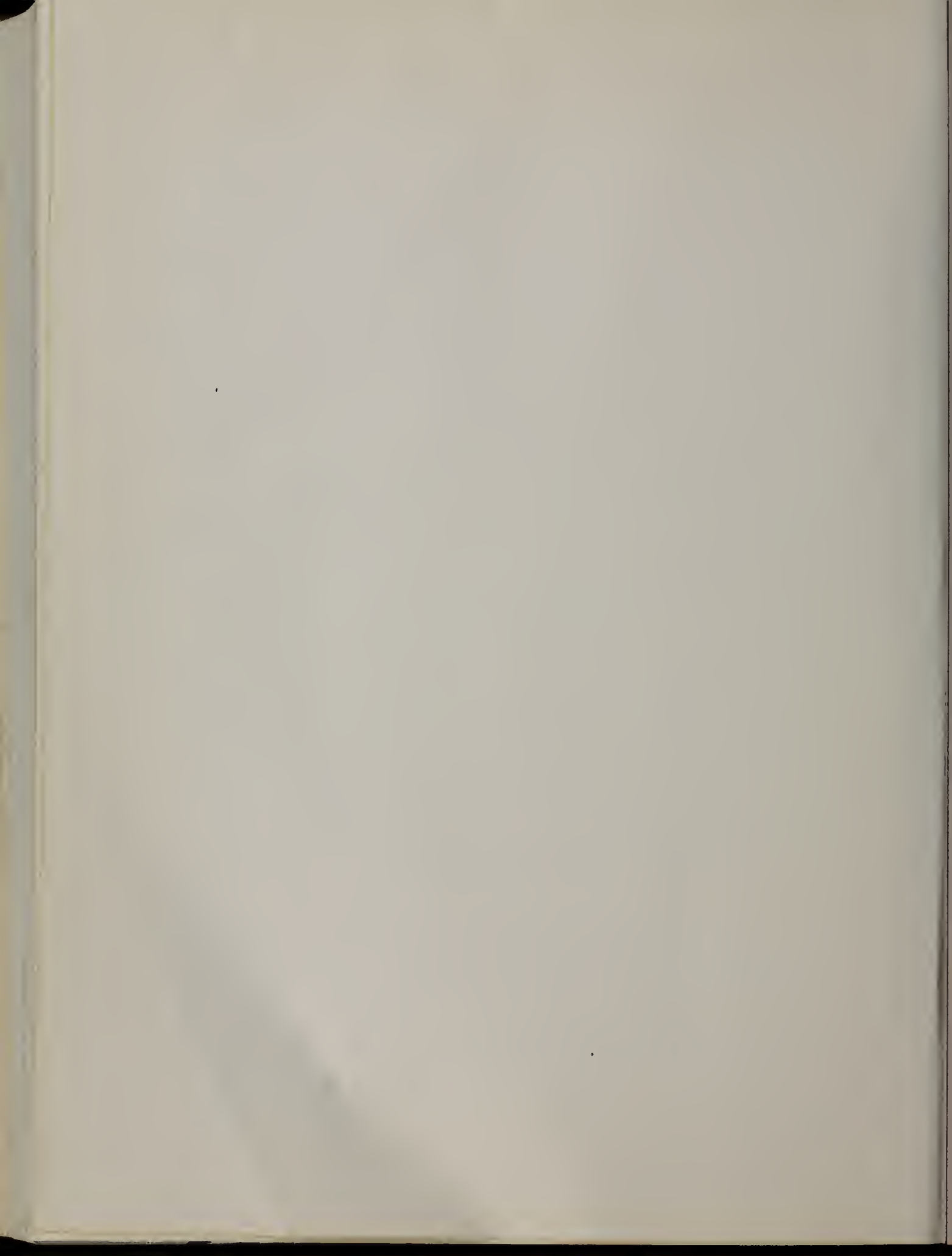




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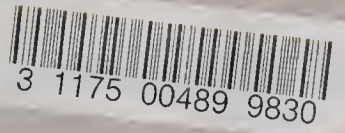
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